

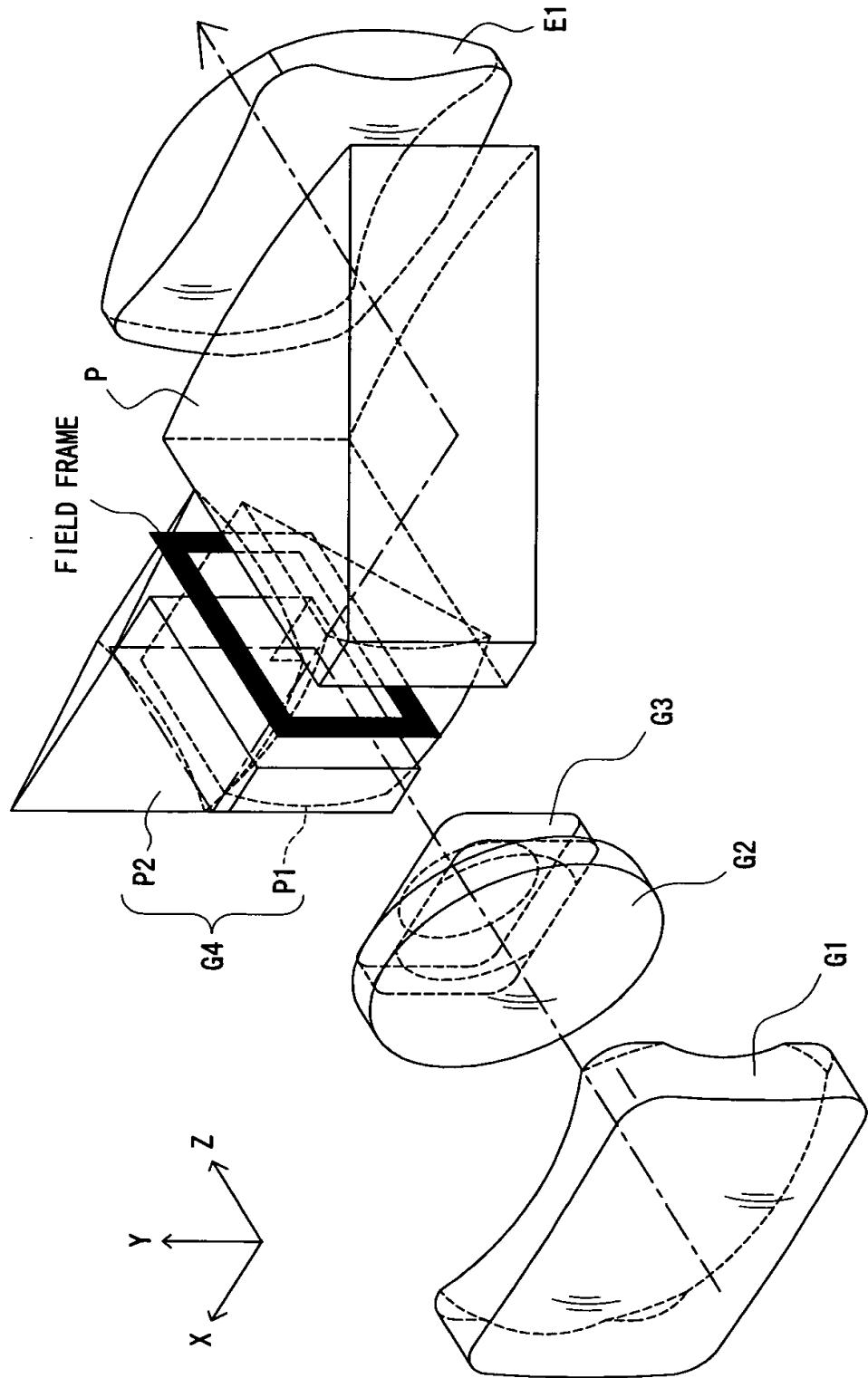
FIG. 1

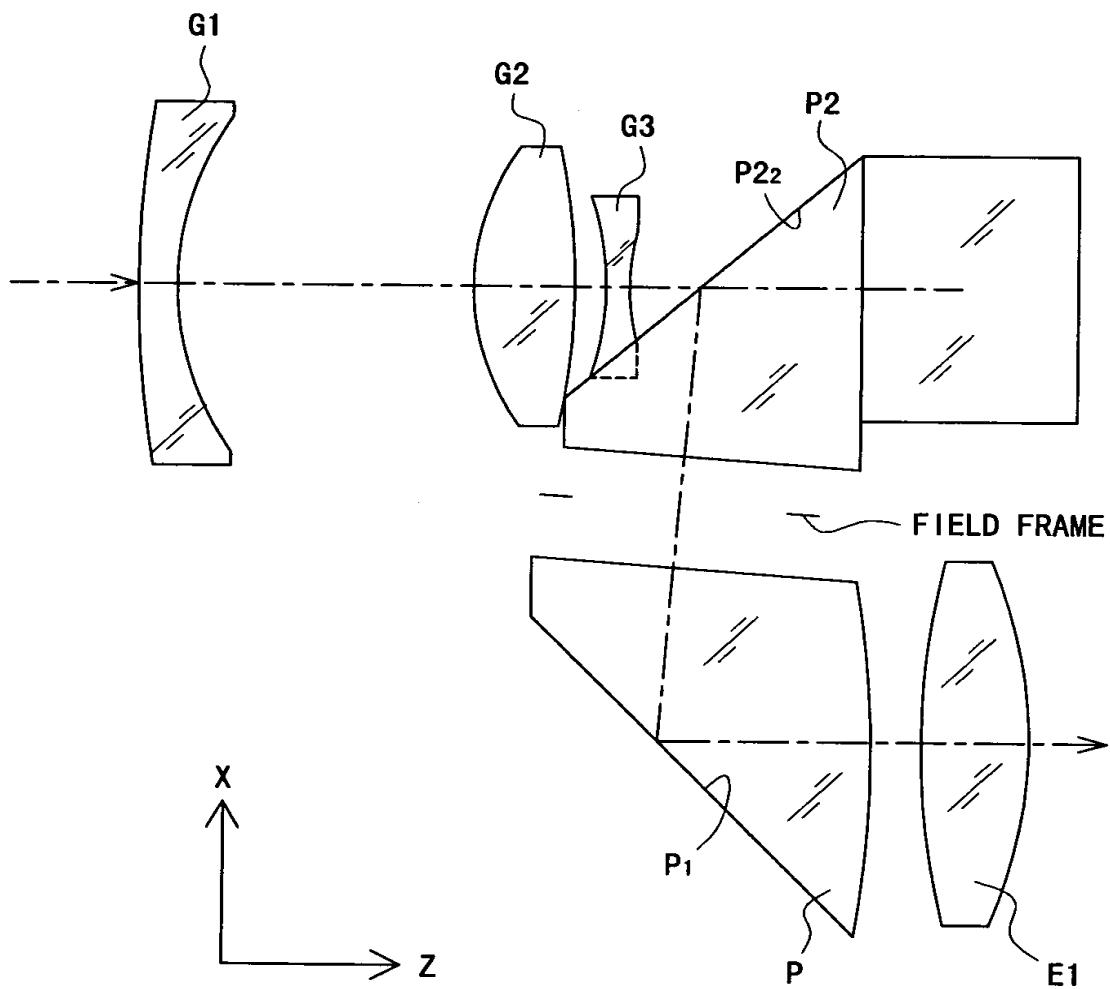
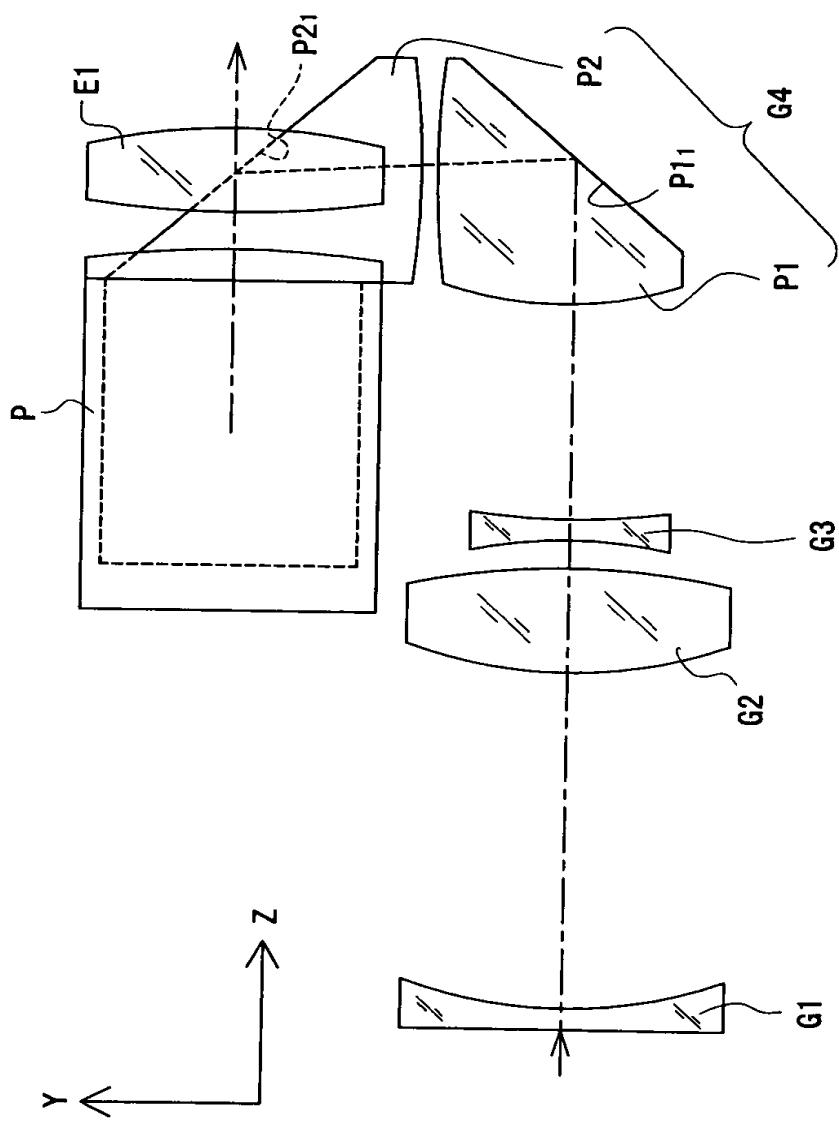
FIG.2

FIG.3

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FIG.4

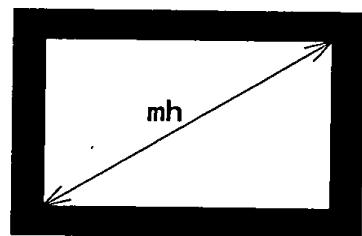


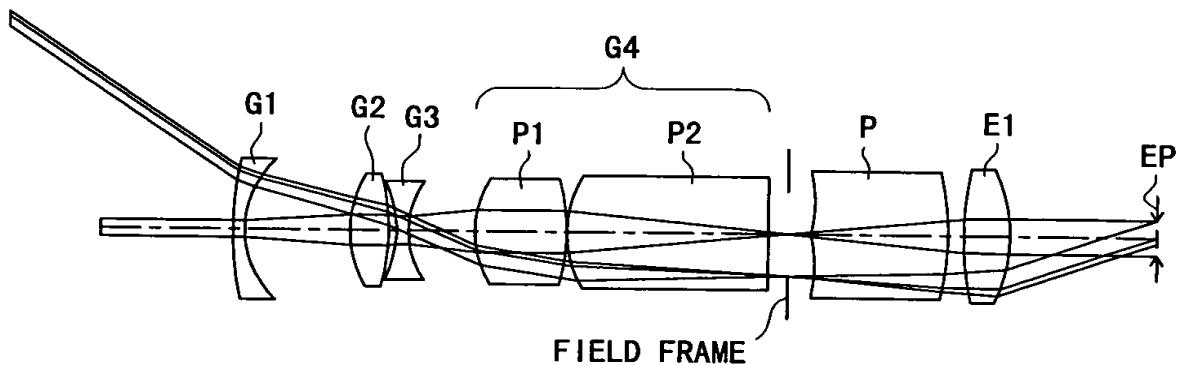
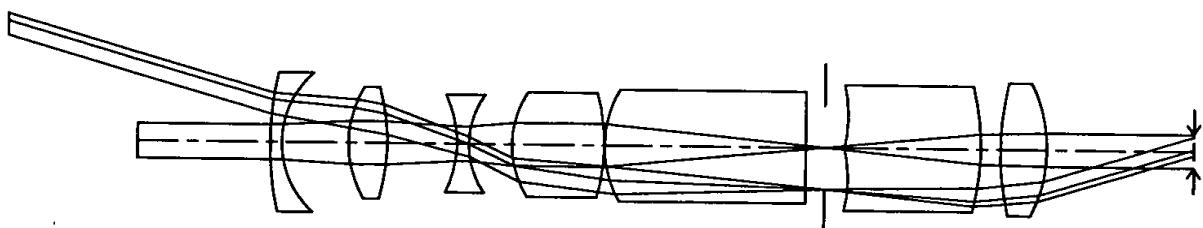
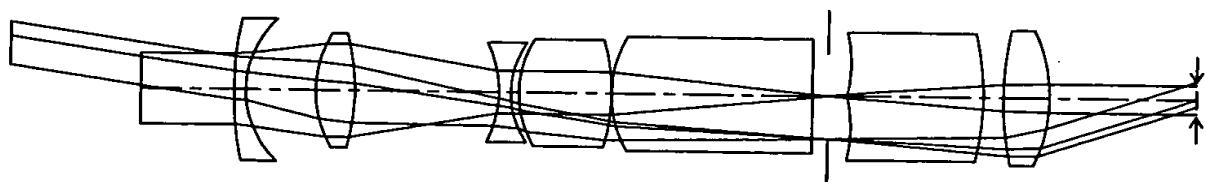
FIG.5AFIG.5BFIG.5C

FIG. 6A

SPHERICAL
ABERRATION
ASTIGMATISM

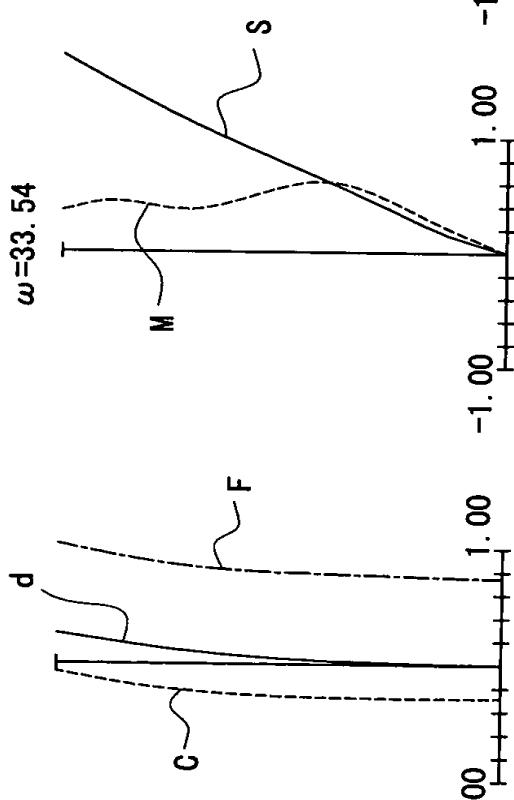
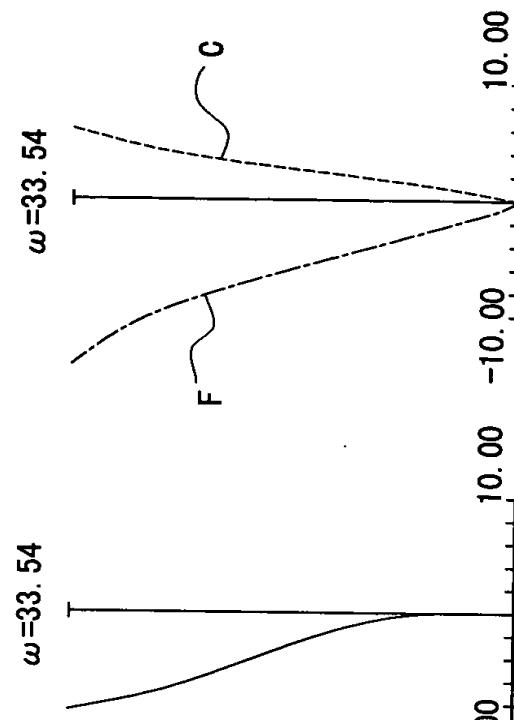


FIG. 6B

FIG. 6C

FIG. 6D

CHROMATIC ABERRATION
OF MAGNIFICATION



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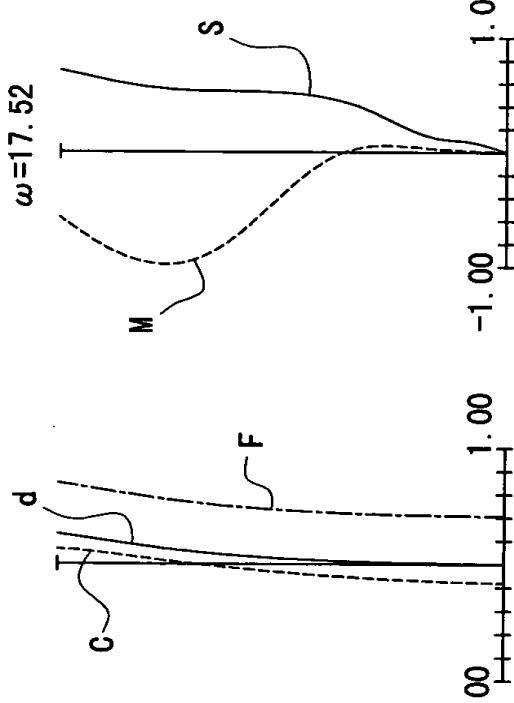
FIG. 7A

FIG. 7B

FIG. 7C

FIG. 7D

SPHERICAL
ABERRATION
ASTIGMATISM



DISTORTION



CHROMATIC ABERRATION
OF MAGNIFICATION

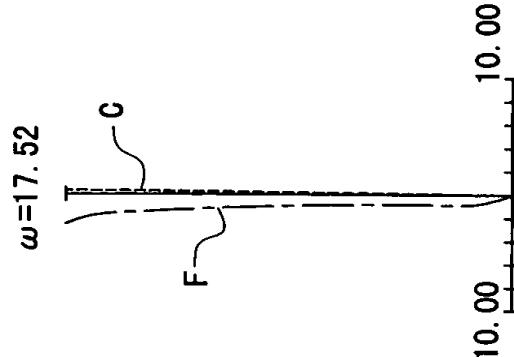


FIG. 8A

SPHERICAL
ABERRATION
ASTIGMATISM

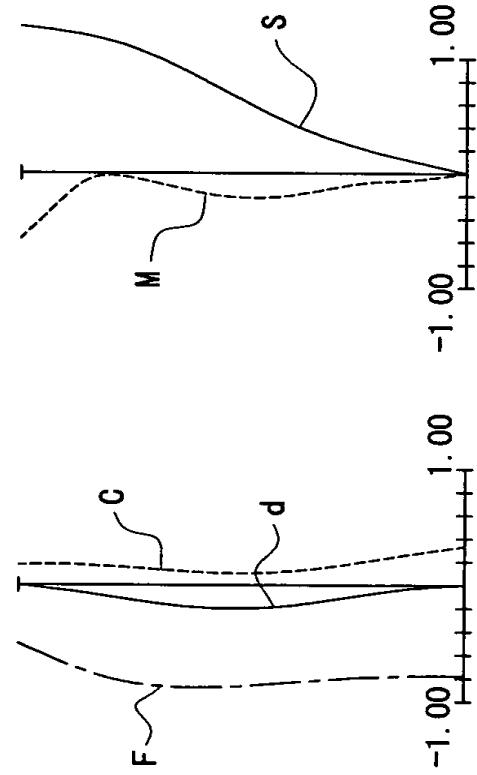
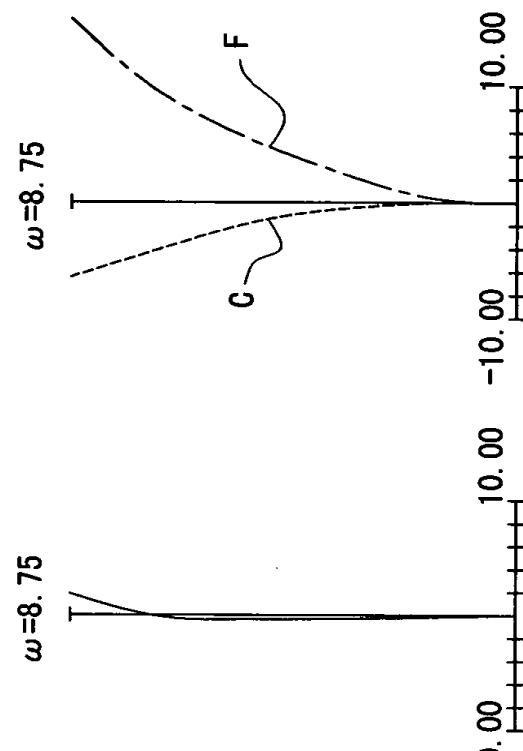


FIG. 8B

FIG. 8C

FIG. 8D

CHROMATIC ABERRATION
OF MAGNIFICATION



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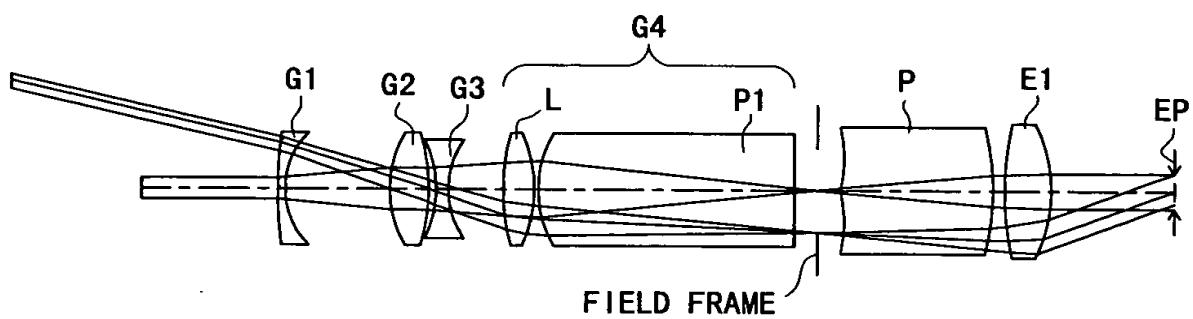
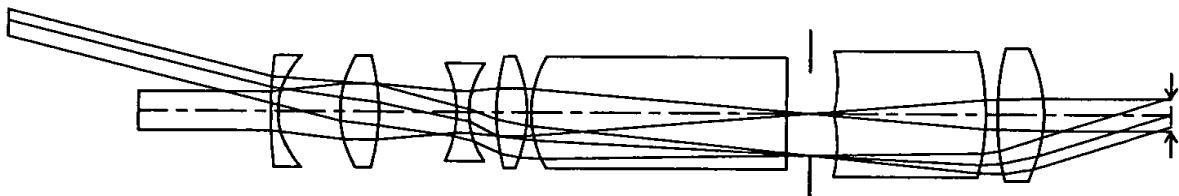
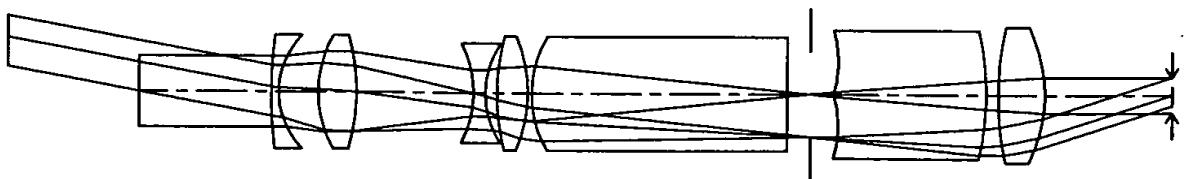
FIG. 9AFIG. 9BFIG. 9C

FIG. 10A

FIG. 10B

FIG. 10C

FIG. 10D

SPHERICAL ABERRATION ASTIGMATISM DISTORTION CHROMATIC ABERRATION
OF MAGNIFICATION

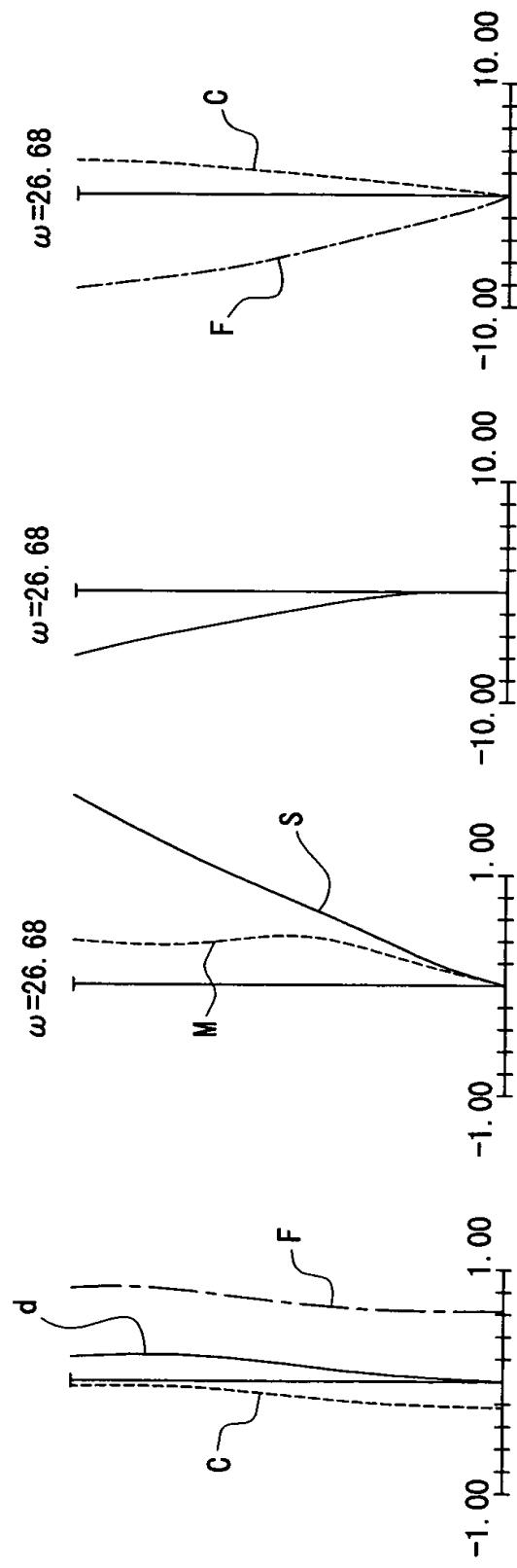


FIG. 11A

SPHERICAL
ABERRATION
ASTIGMATISM

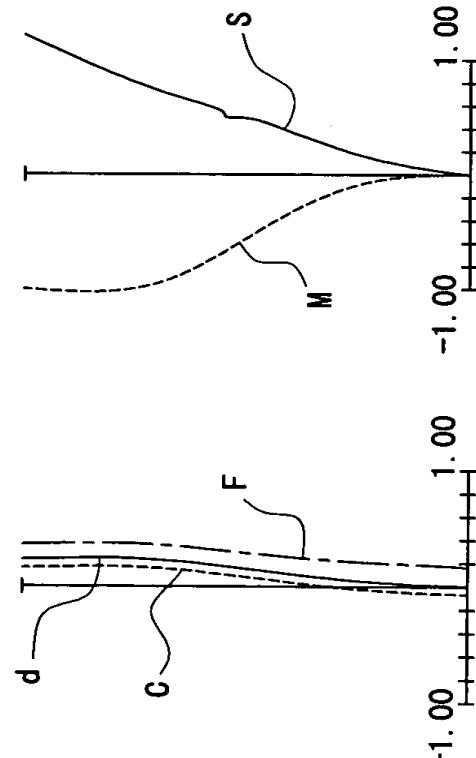


FIG. 11B

DISTORTION

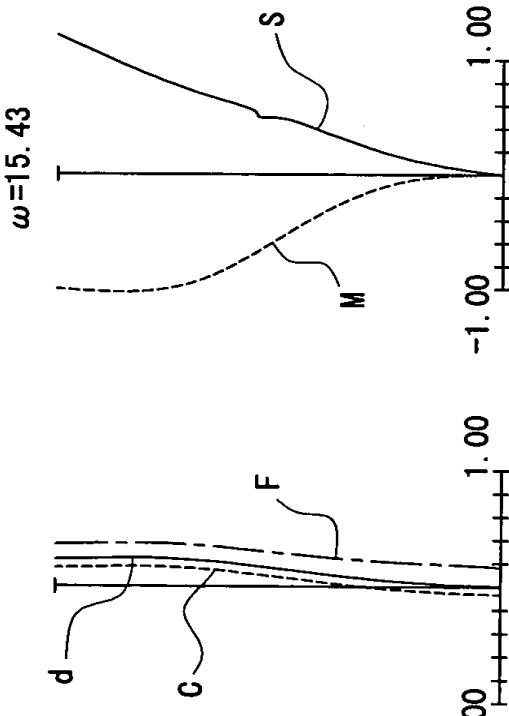


FIG. 11C

CHROMATIC ABERRATION
OF MAGNIFICATION

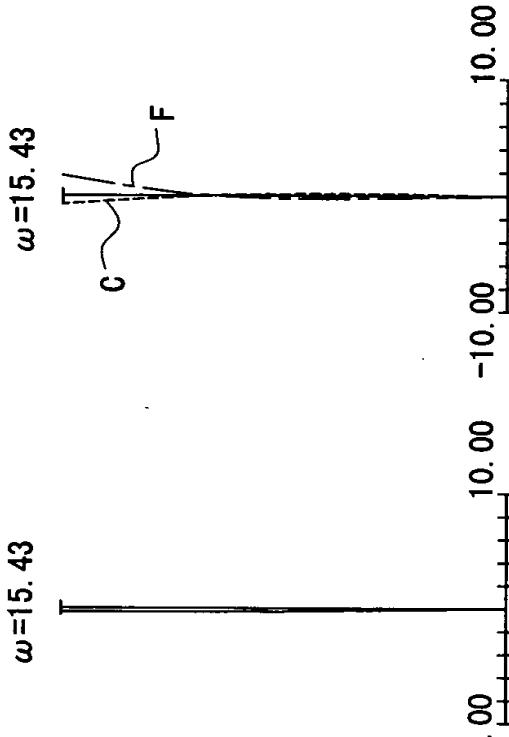


FIG. 11D

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FIG. 12A

SPHERICAL
ABERRATION
ASTIGMATISM

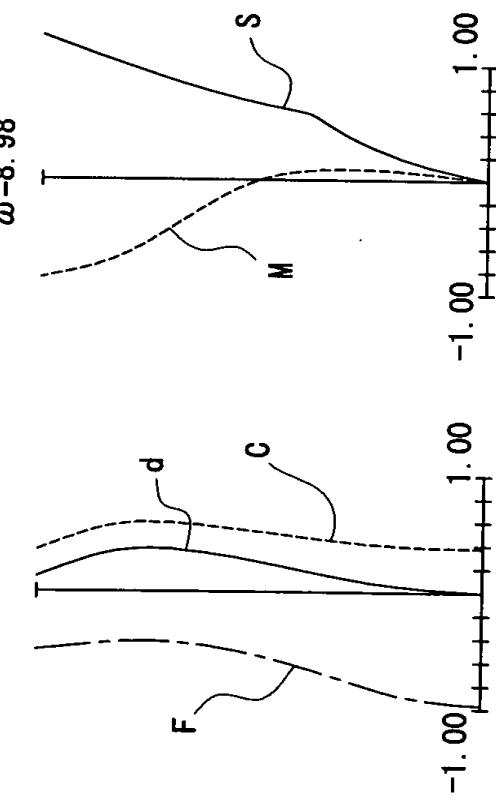


FIG. 12B

FIG. 12C

FIG. 12D

CHROMATIC ABERRATION
OF MAGNIFICATION

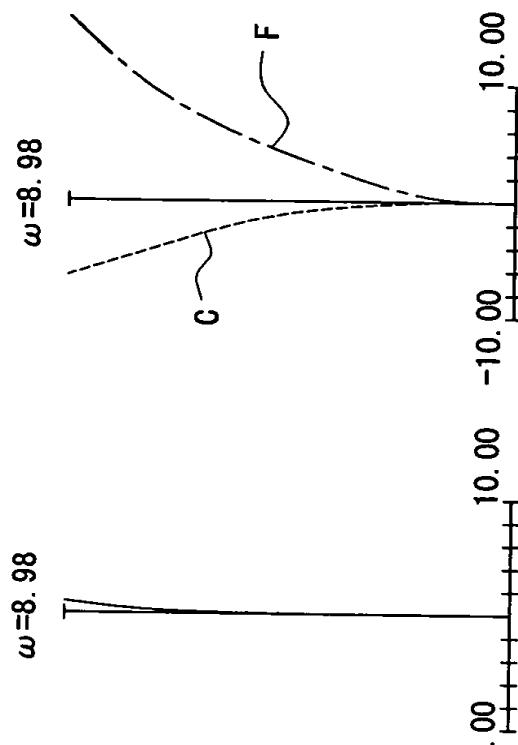


FIG.13A

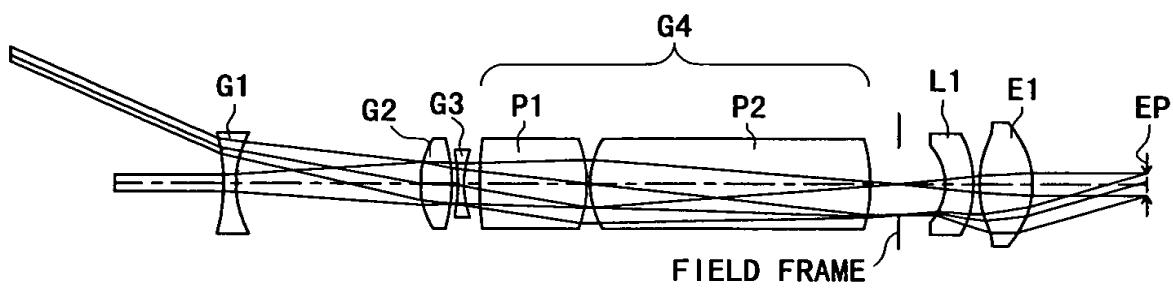


FIG.13B

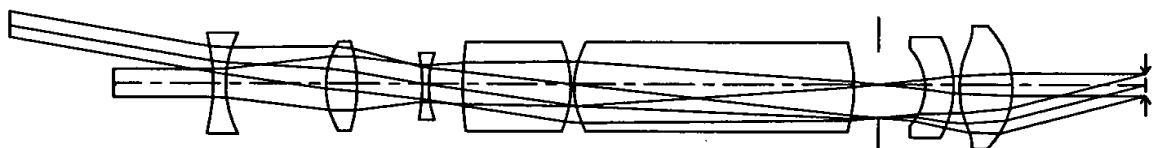


FIG.13C

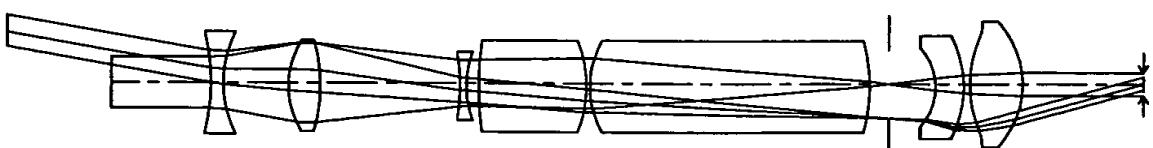


FIG. 14A

SPHERICAL
ABERRATION

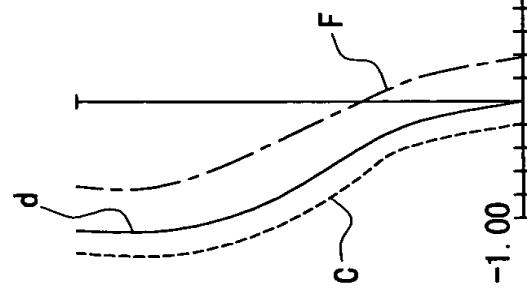


FIG. 14B

ASTIGMATISM

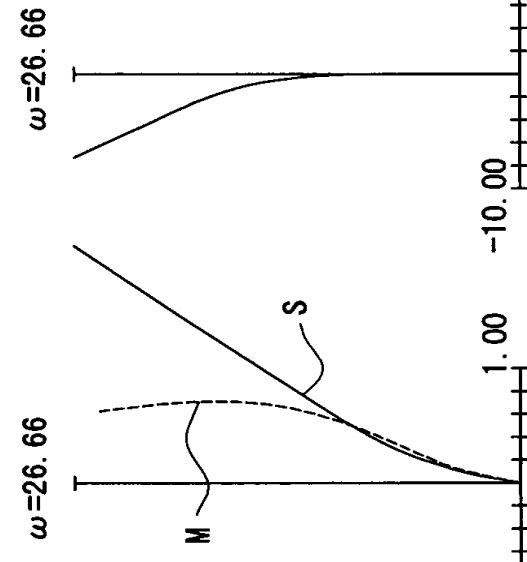


FIG. 14C

DISTORTION

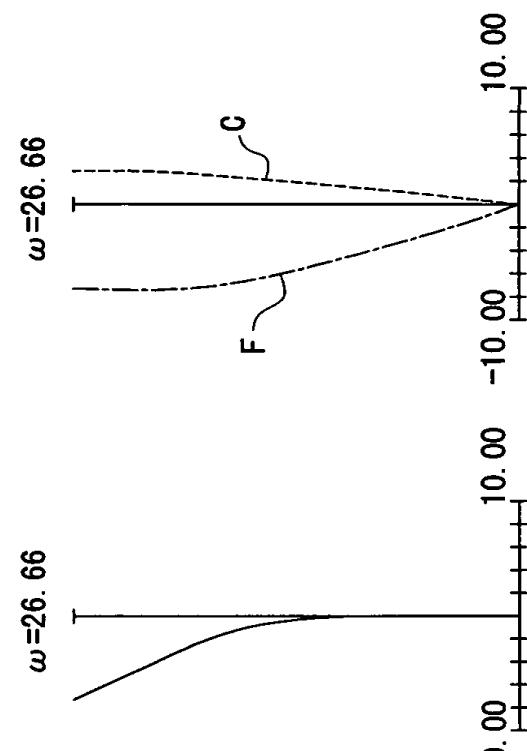


FIG. 14D

CHROMATIC ABERRATION
OF MAGNIFICATION

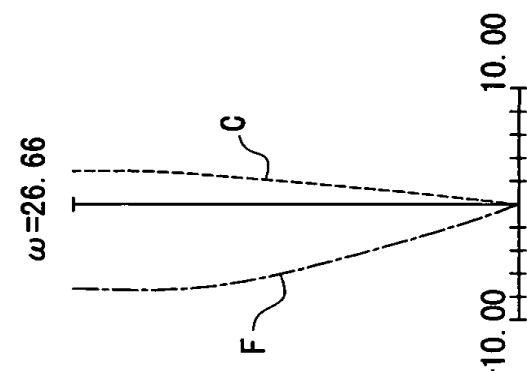


FIG. 15A



FIG. 15B

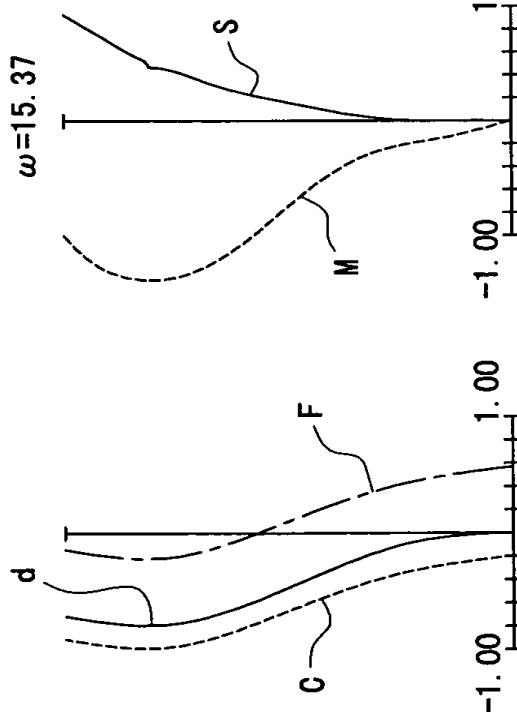


FIG. 15C



FIG. 15D

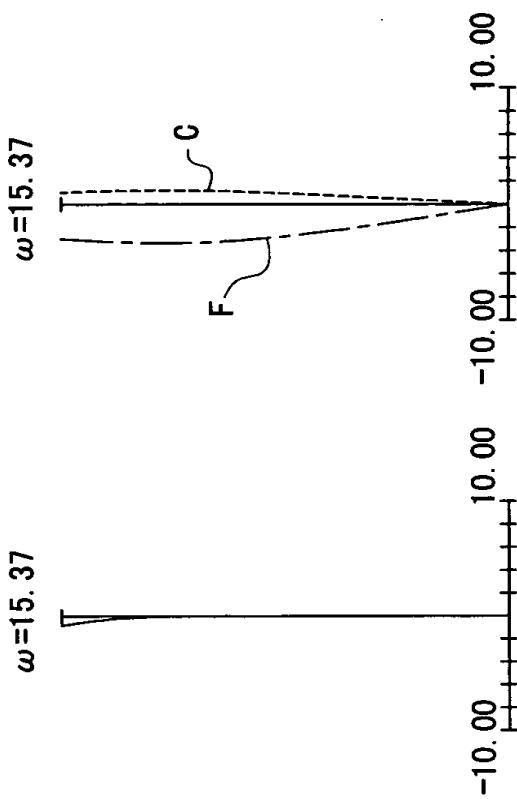


FIG. 16A

SPHERICAL
ABERRATION

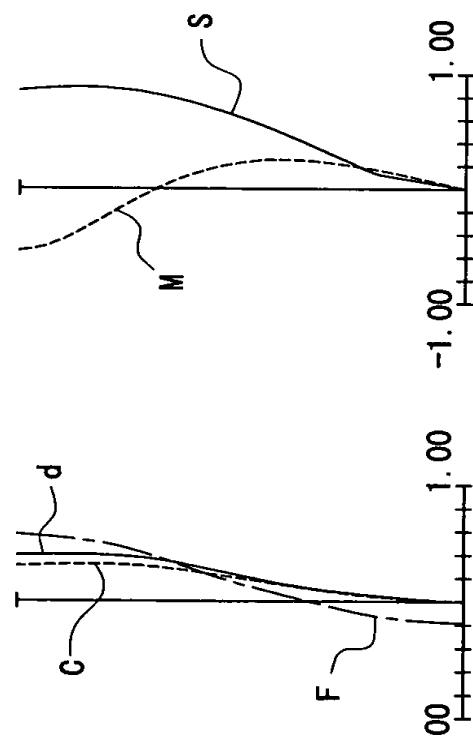


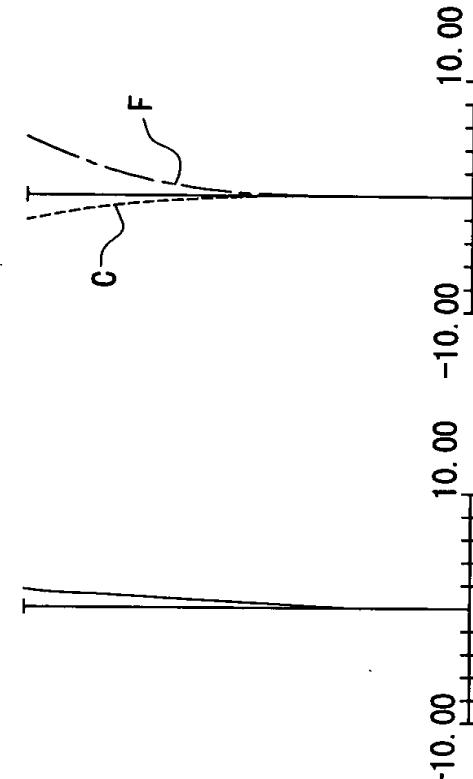
FIG. 16B

FIG. 16C

FIG. 16D

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CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG.17A

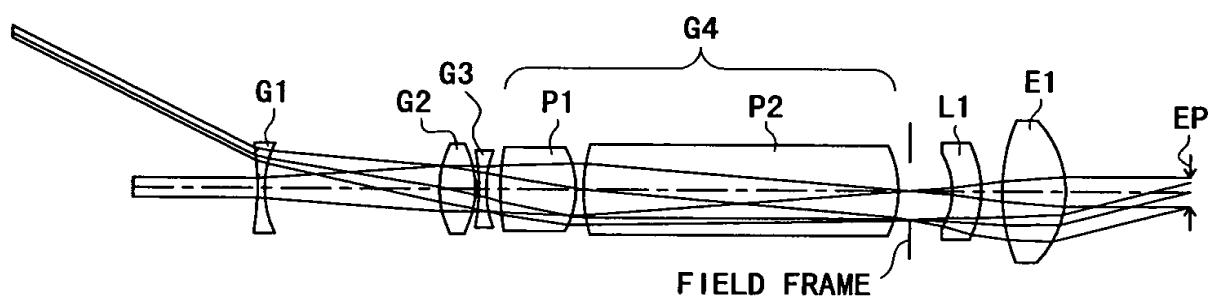


FIG.17B

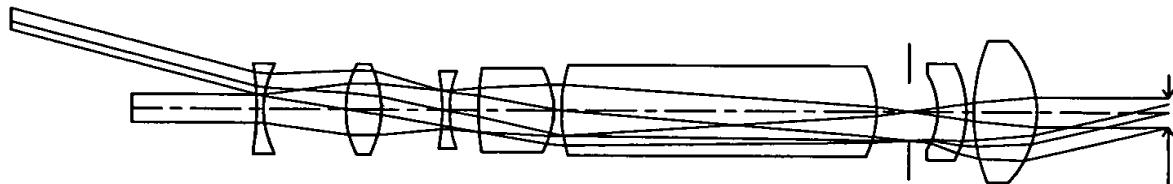


FIG.17C

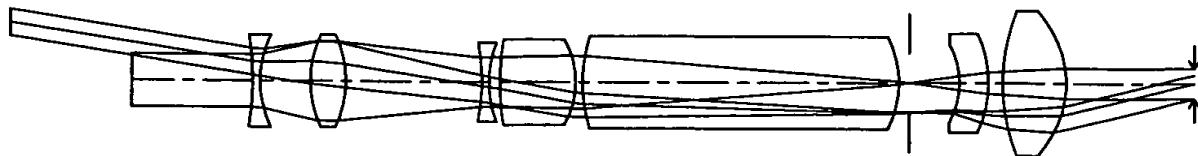


FIG. 18A

SPHERICAL
ABERRATION

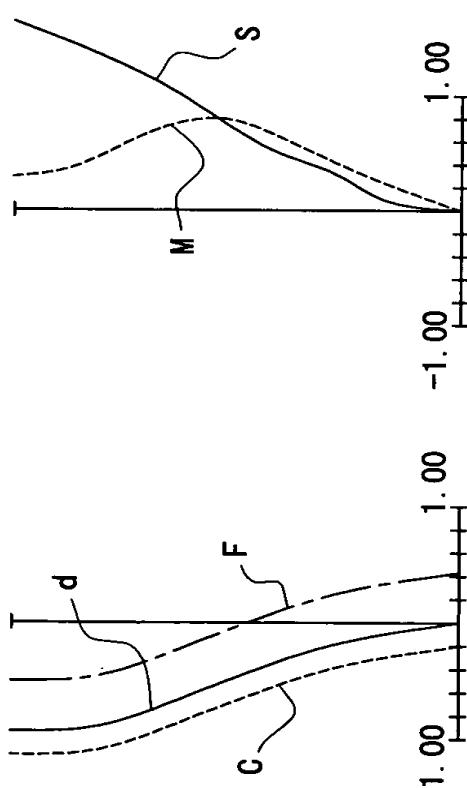


FIG. 18B

ASTIGMATISM

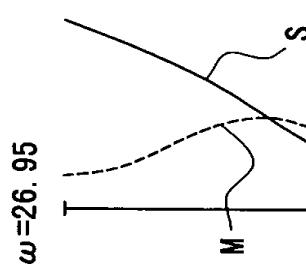


FIG. 18C

DISTORTION

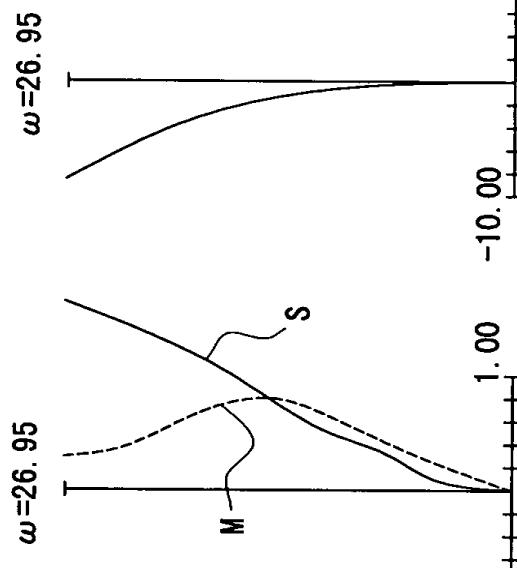
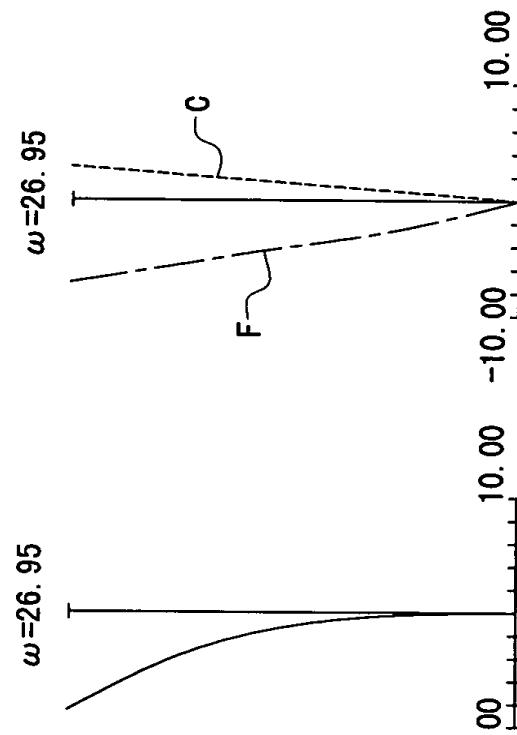


FIG. 18D

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG. 19A

SPHERICAL
ABERRATION
ASTIGMATISM

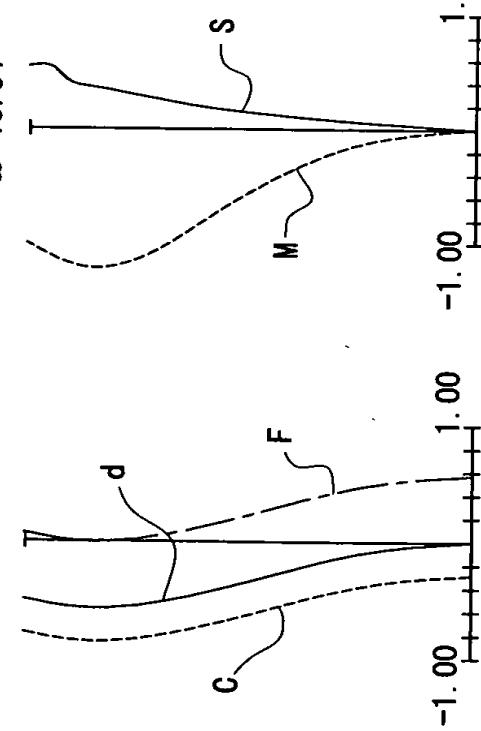


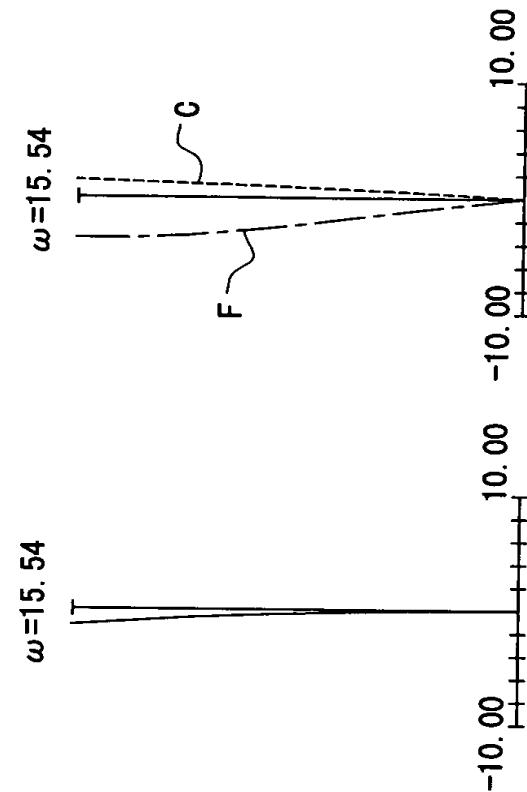
FIG. 19B

FIG. 19C

FIG. 19D

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CHROMATIC ABERRATION
OF MAGNIFICATION



$\omega = 15.54$

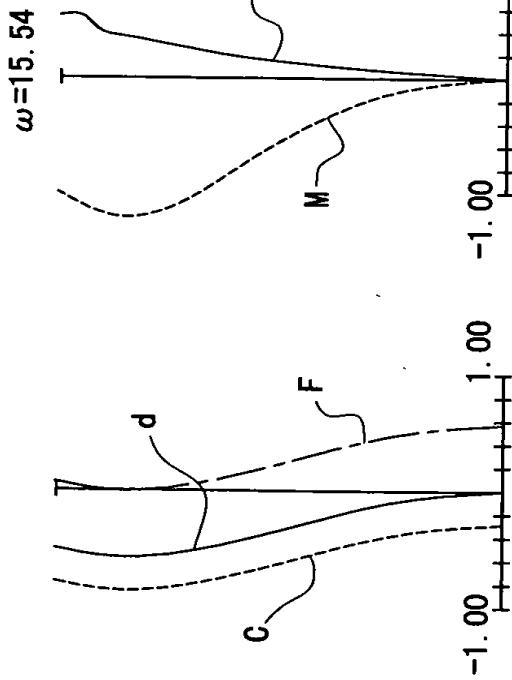
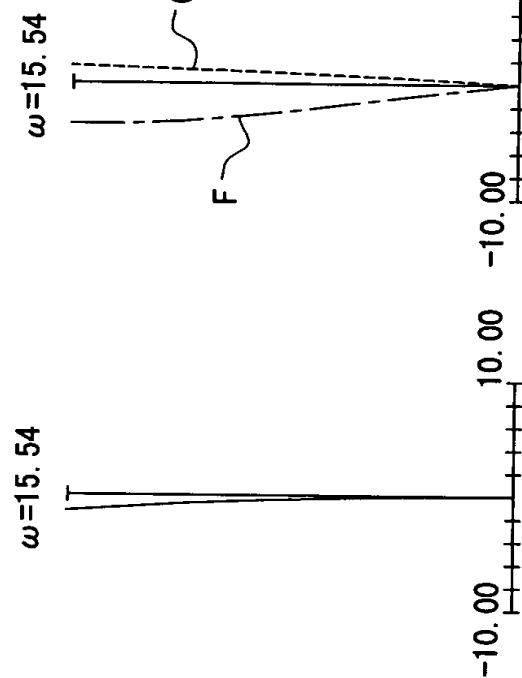


FIG. 20A

SPHERICAL
ABERRATION
ASTIGMATISM

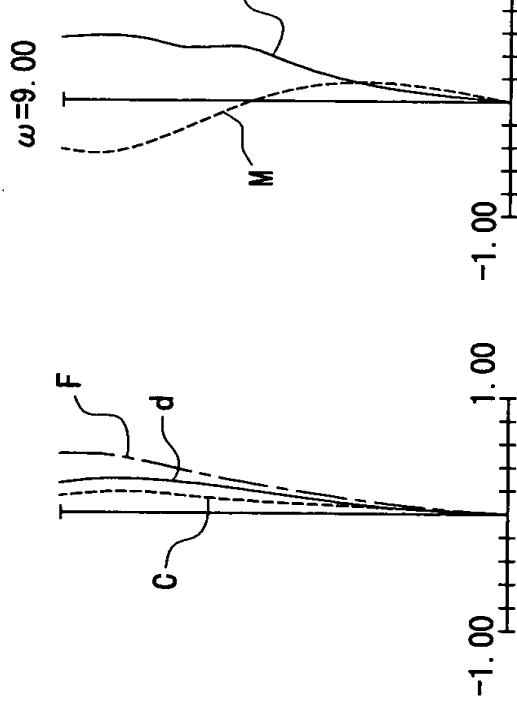


FIG. 20B

DISTORTION

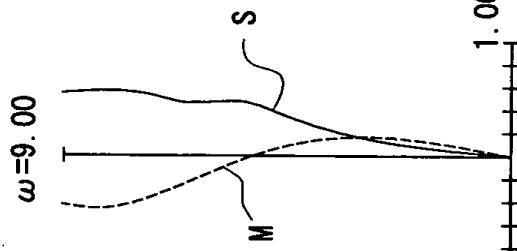


FIG. 20C

CHROMATIC ABERRATION
OF MAGNIFICATION

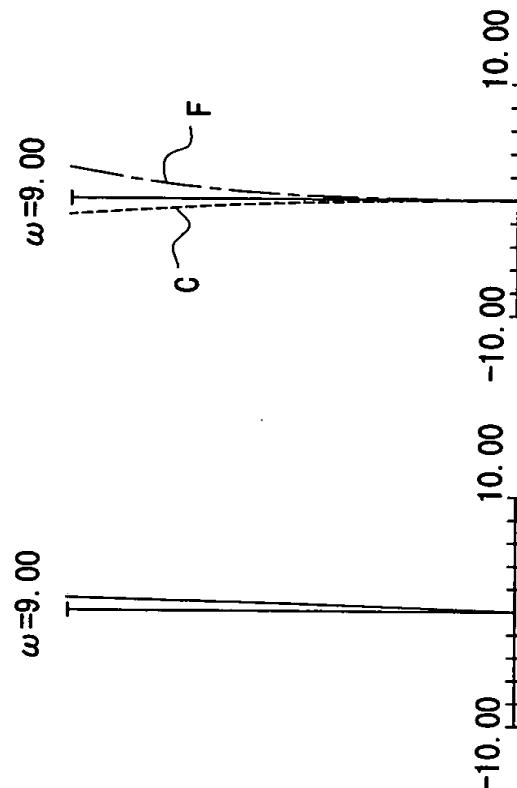


FIG. 20D

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FIG.21A

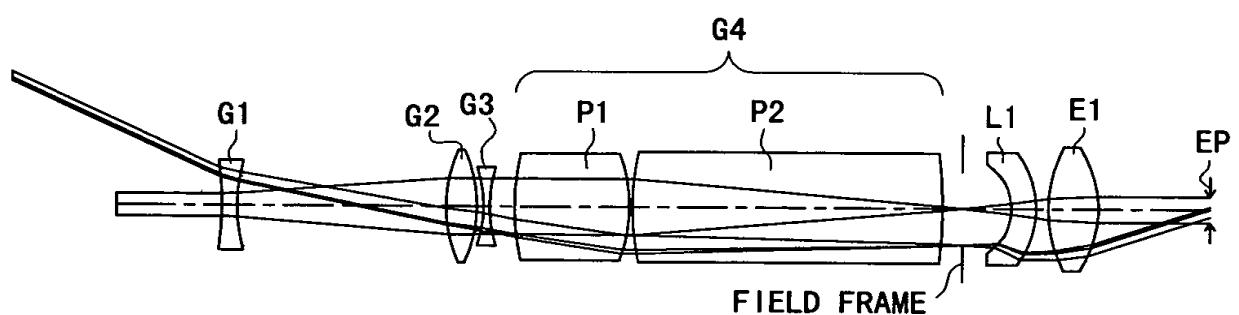


FIG.21B

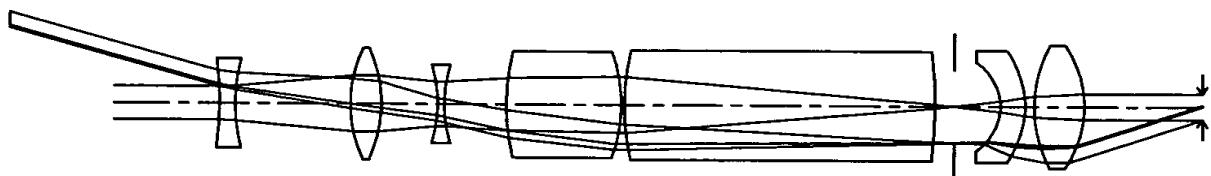


FIG.21C

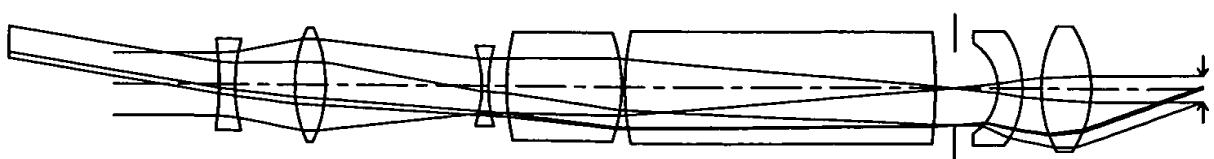


FIG. 22A

SPHERICAL
ABERRATION

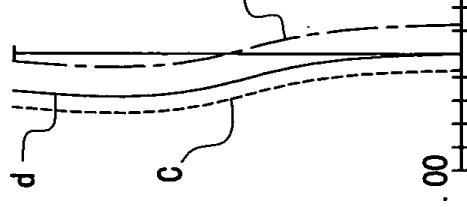


FIG. 22B

ASTIGMATISM

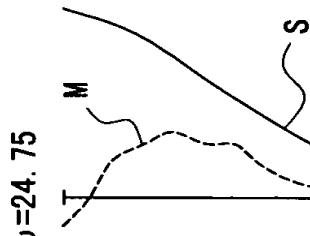


FIG. 22C

DISTORTION

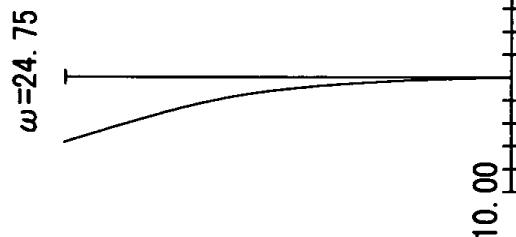


FIG. 22D

CHROMATIC ABERRATION
OF MAGNIFICATION

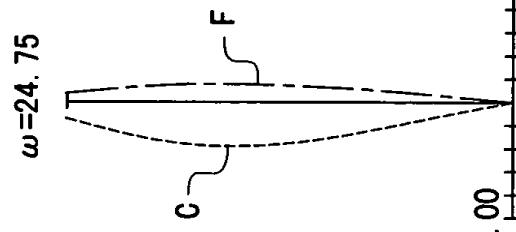


FIG. 23A

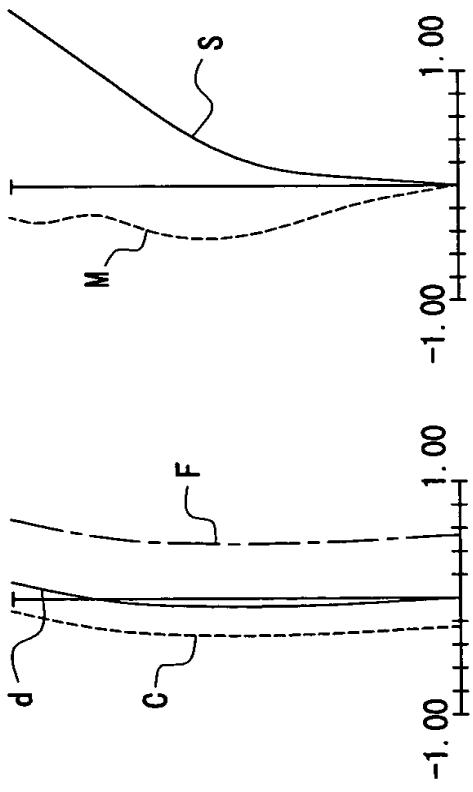
FIG. 23B

FIG. 23C

FIG. 23D

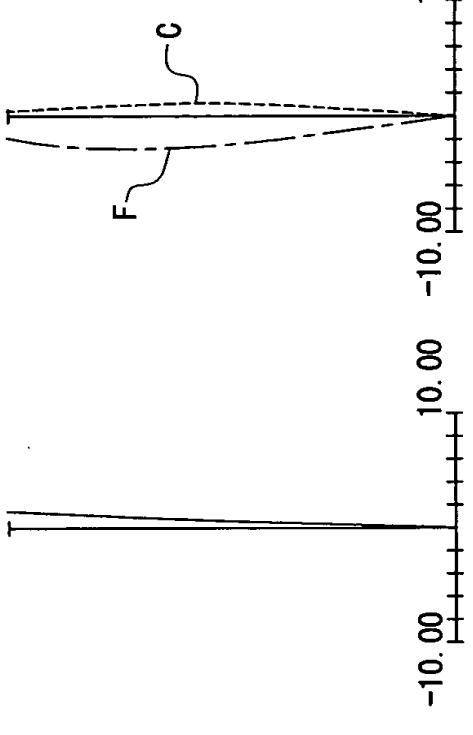
SPHERICAL
ABERRATION

$\omega = 16.22$



ASTIGMATISM
DISTORTION

$\omega = 16.22$



CHROMATIC ABERRATION
OF MAGNIFICATION

$\omega = 16.22$

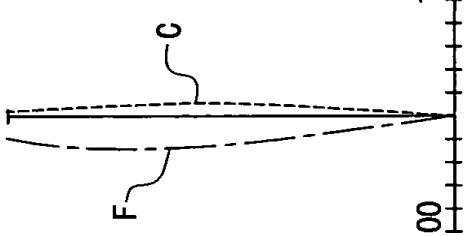


FIG. 24A

SPHERICAL
ABERRATION

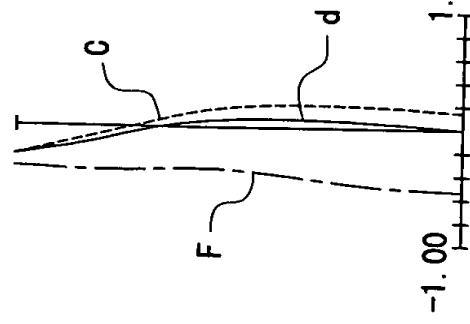


FIG. 24B

ASTIGMATISM
DISTORTION

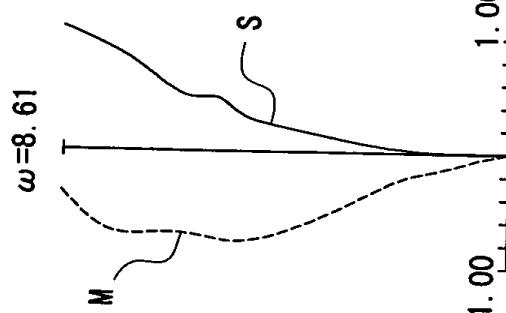


FIG. 24C

CHROMATIC ABERRATION
OF MAGNIFICATION

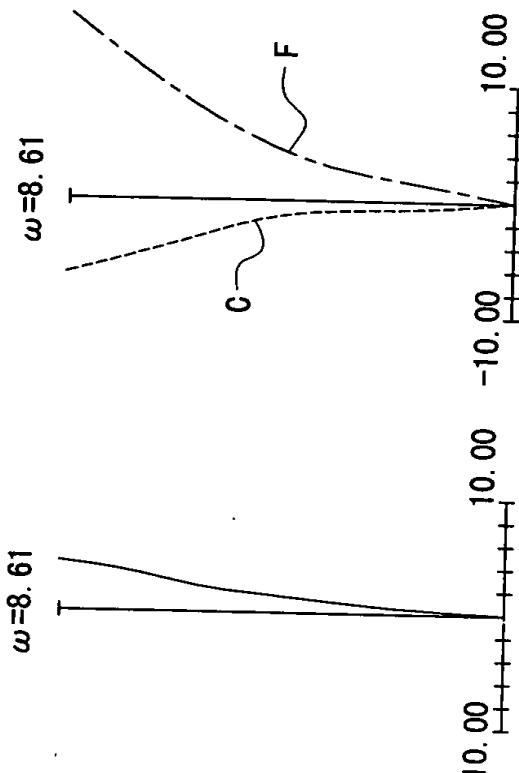


FIG. 24D

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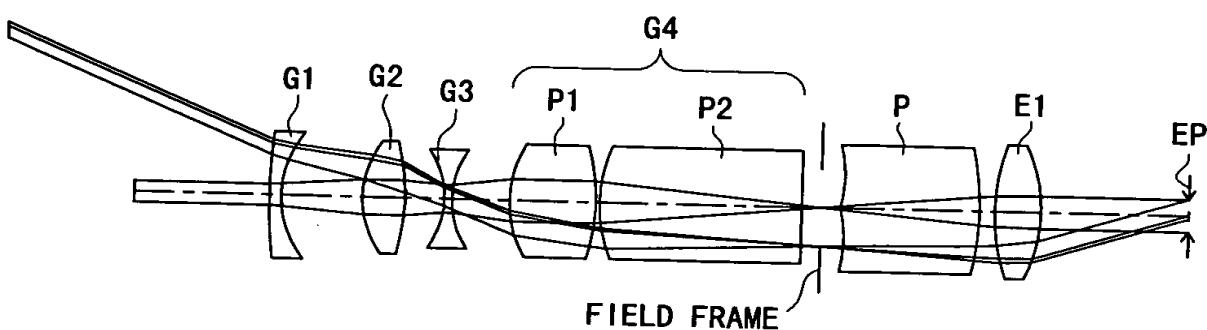
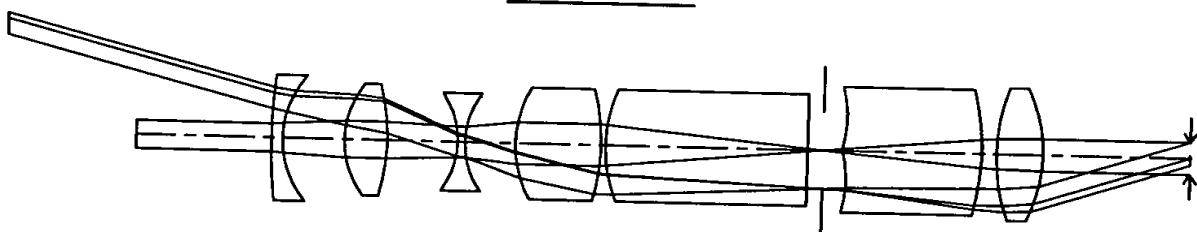
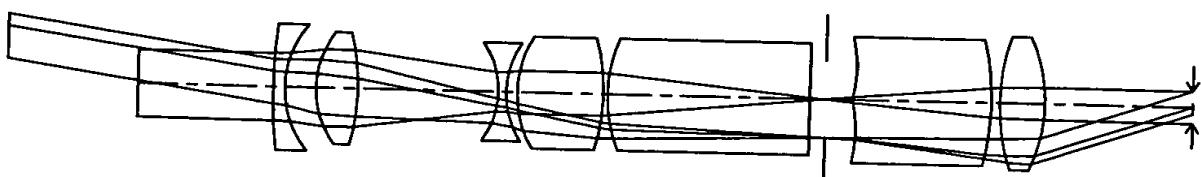
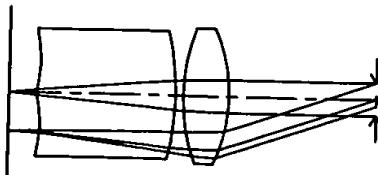
FIG.25AFIG.25BFIG.25CFIG.25D

FIG. 26A

SPHERICAL
ABERRATION
ASTIGMATISM

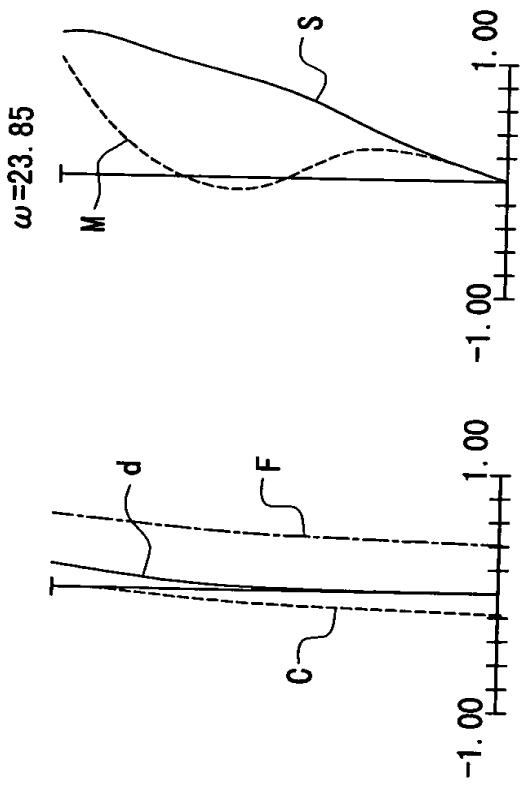


FIG. 26B

FIG. 26C

FIG. 26D

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CHROMATIC ABERRATION
OF MAGNIFICATION

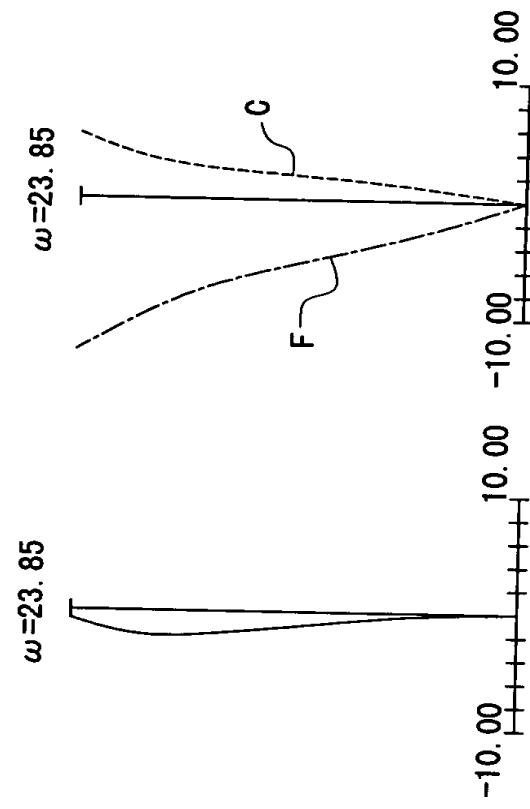


FIG. 27A

SPHERICAL
ABERRATION

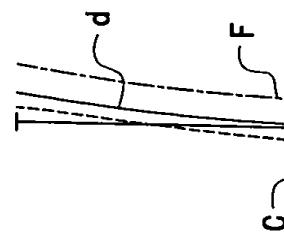


FIG. 27B

ASTIGMATISM

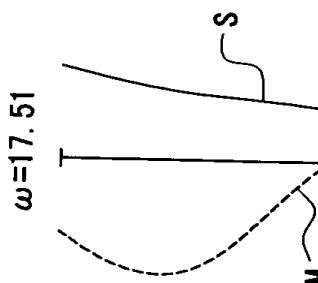


FIG. 27C

DI STORTION

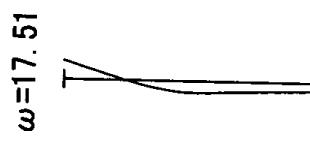
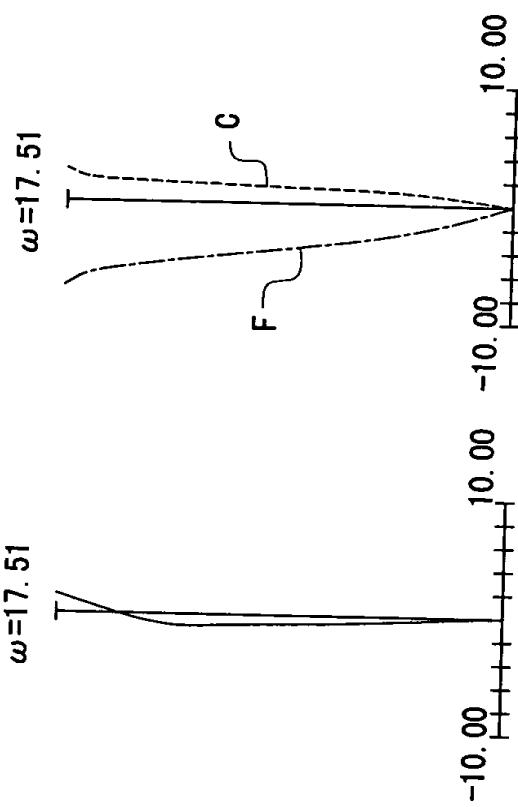


FIG. 27D

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG. 28A

SPHERICAL
ABERRATION
ASTIGMATISM

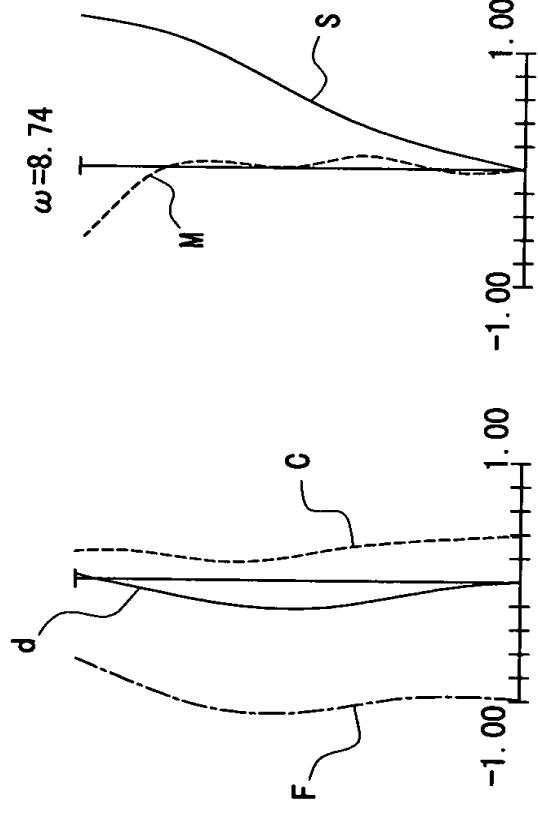
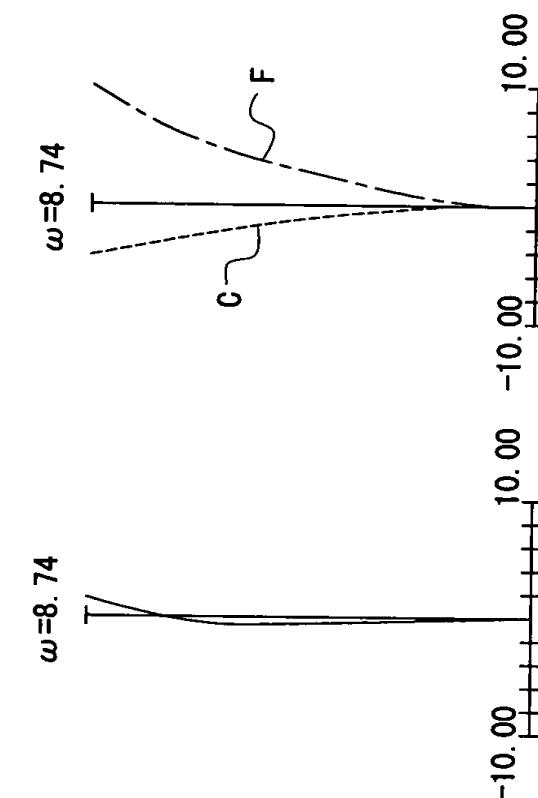


FIG. 28B

FIG. 28C

FIG. 28D

CHROMATIC ABERRATION
OF MAGNIFICATION
DISTORTION



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FIG. 29A

SPHERICAL
ABERRATION

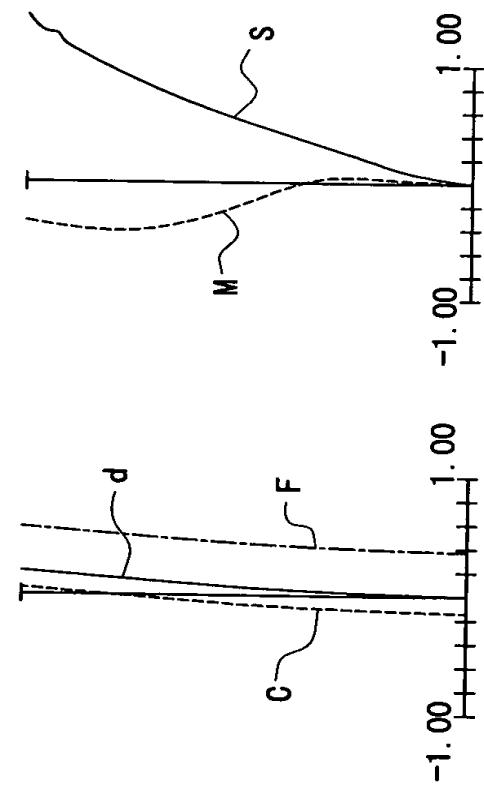


FIG. 29B

ASTIGMATISM

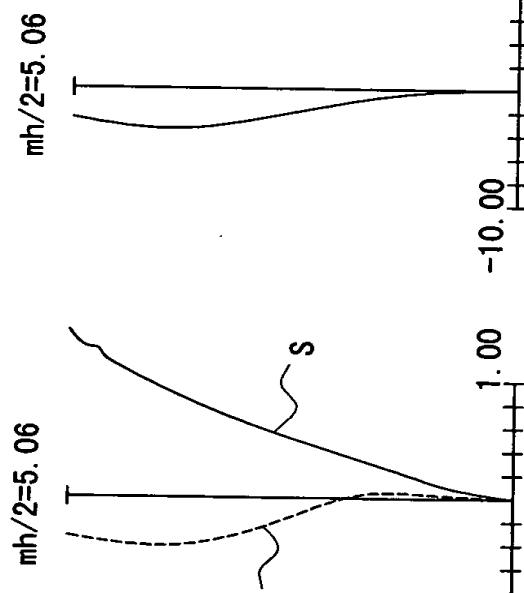


FIG. 29C

CHROMATIC ABERRATION
OF MAGNIFICATION

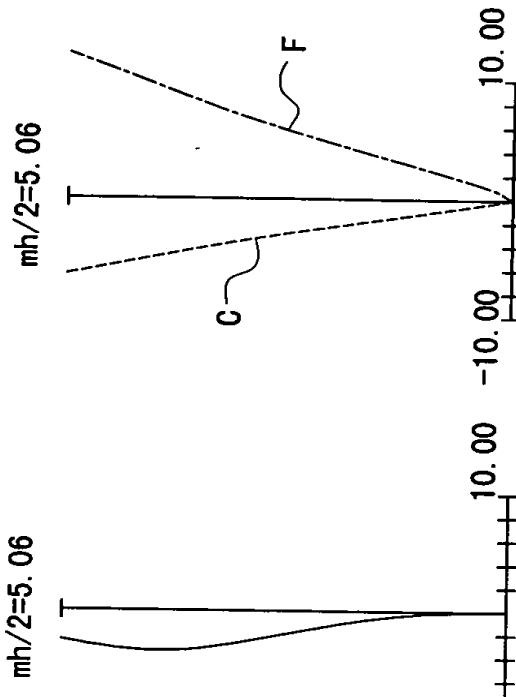


FIG. 29D

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FIG.30A

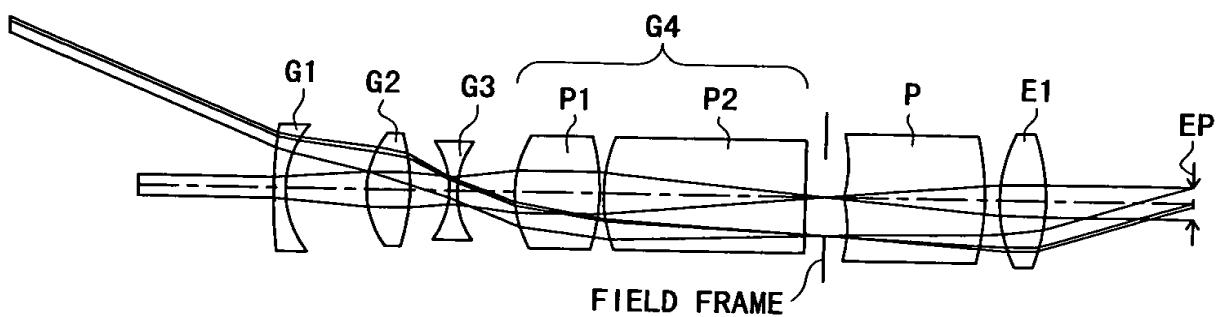


FIG.30B

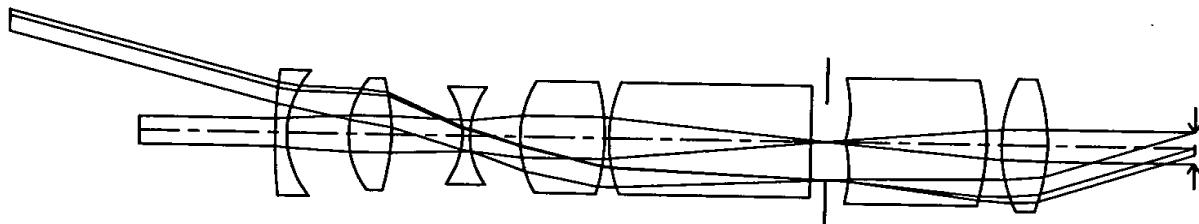


FIG.30C

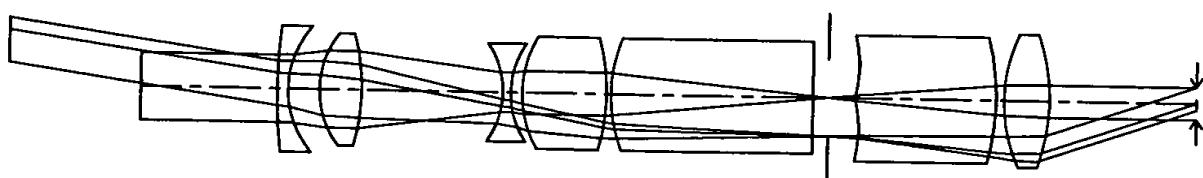


FIG.30D

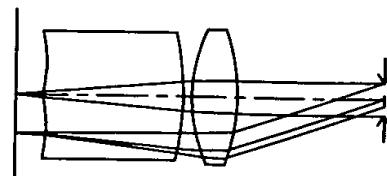


FIG. 31A

FIG. 31B

FIG. 31C

FIG. 31D

SPHERICAL
ABERRATION

ASTIGMATISM

DISTORTION

CHROMATIC ABERRATION
OF MAGNIFICATION

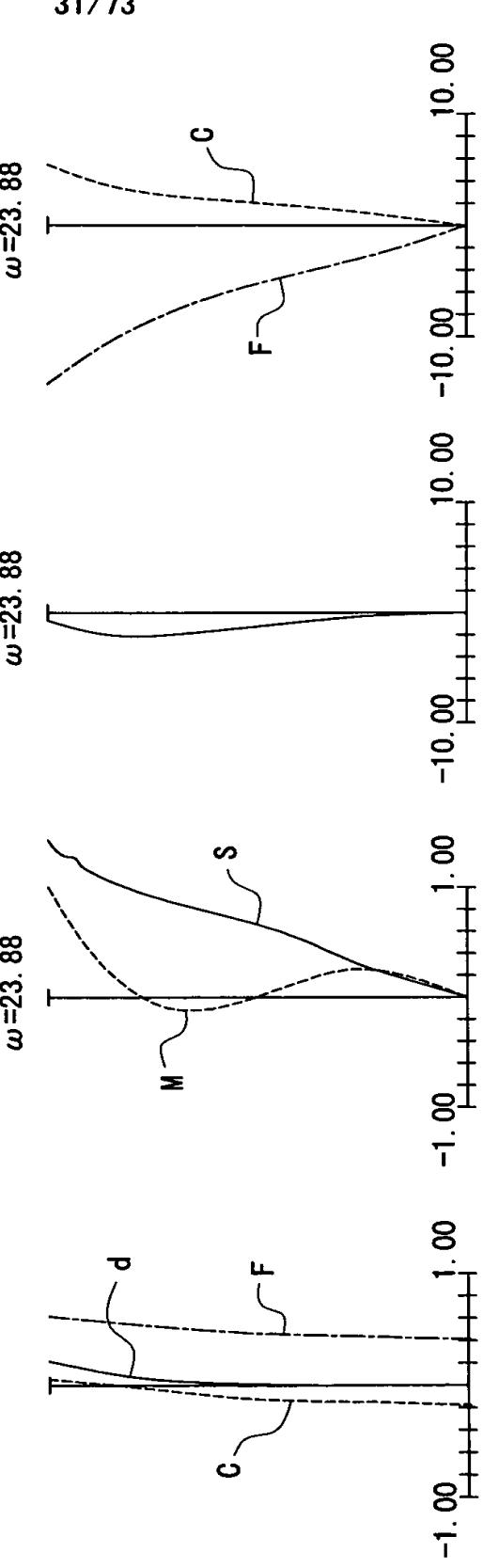


FIG. 32A

SPHERICAL
ABERRATION

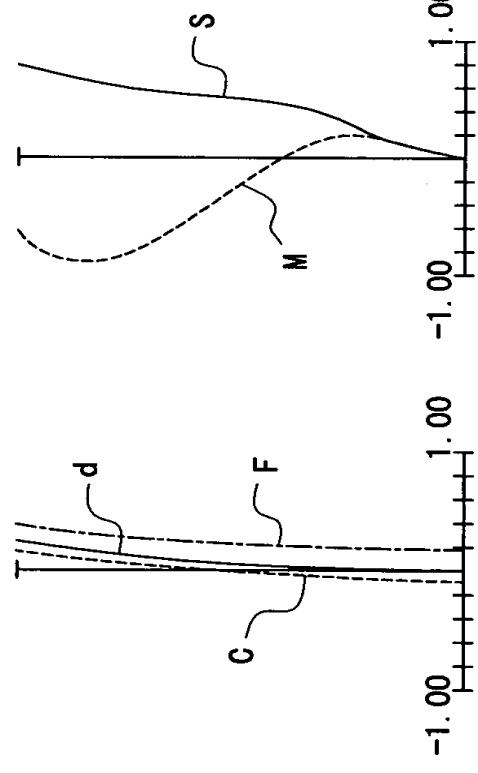


FIG. 32B

DISTORTION

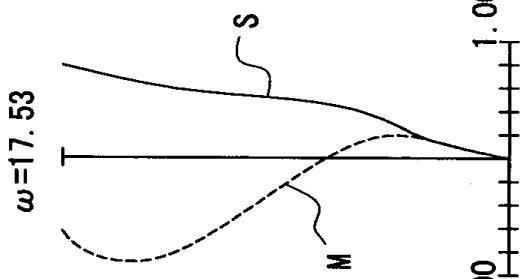


FIG. 32C

CHROMATIC ABERRATION
OF MAGNIFICATION

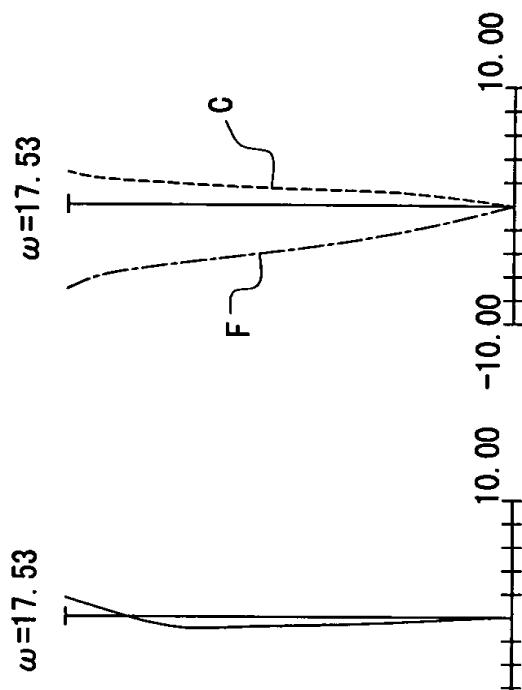


FIG. 32D

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FIG. 33A

SPHERICAL
ABERRATION

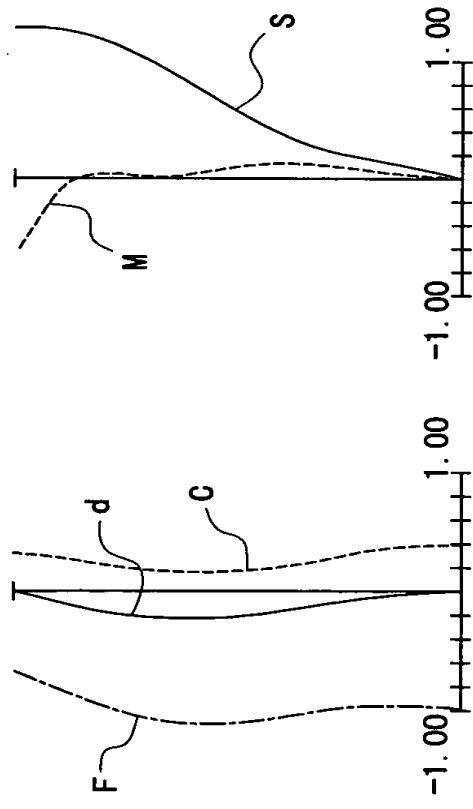


FIG. 33B

ASTIGMATISM

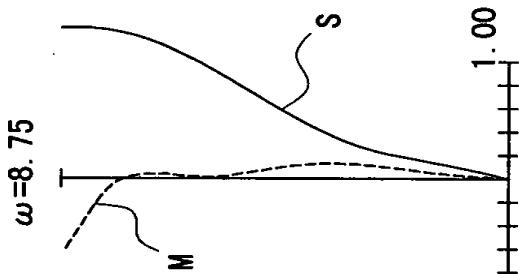


FIG. 33C

CHROMATIC ABERRATION
OF MAGNIFICATION

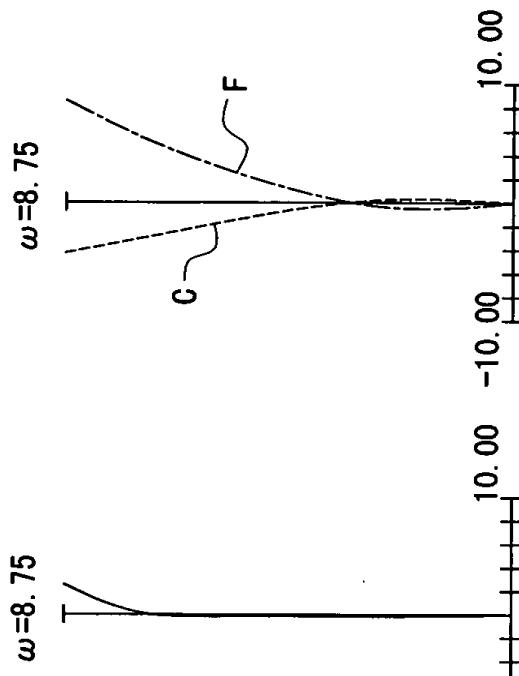


FIG. 33D

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FIG. 34A

SPHERICAL
ABERRATION

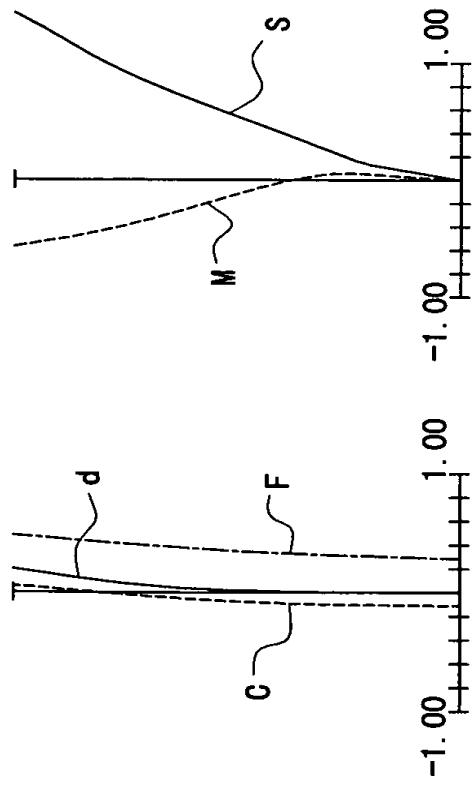


FIG. 34B

ASTIGMATISM
DISTORTION

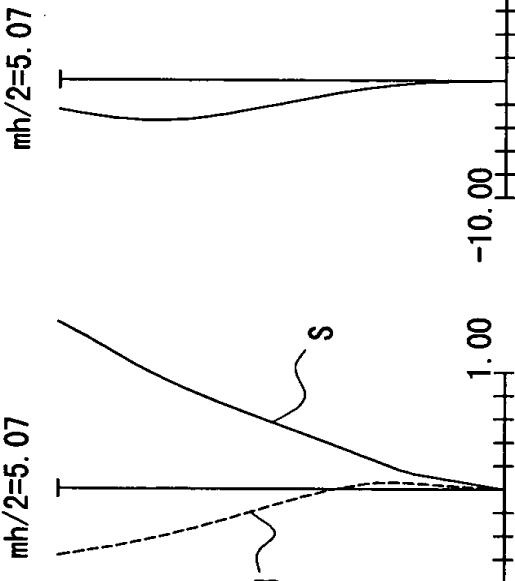


FIG. 34C

CHROMATIC ABERRATION
OF MAGNIFICATION

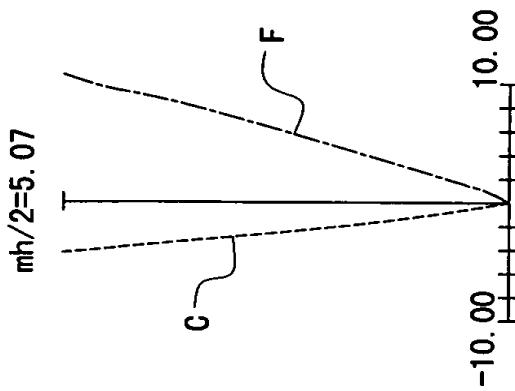


FIG. 34D

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FIG.35A

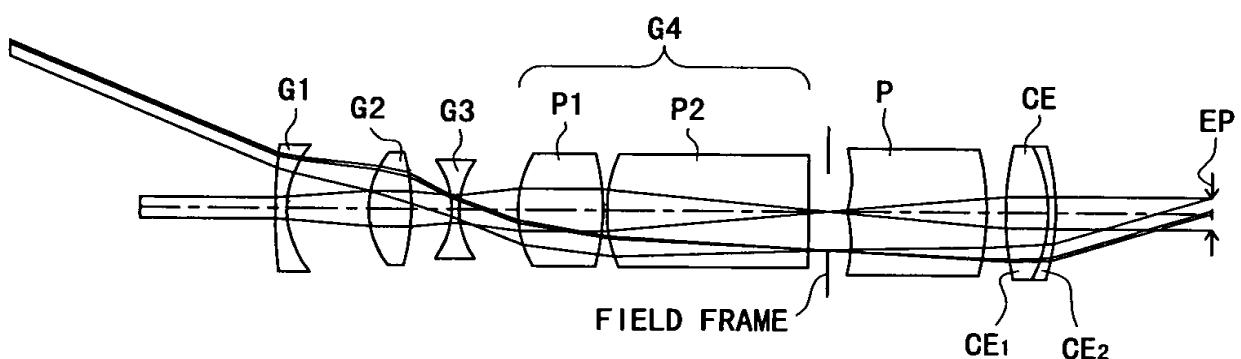


FIG.35B

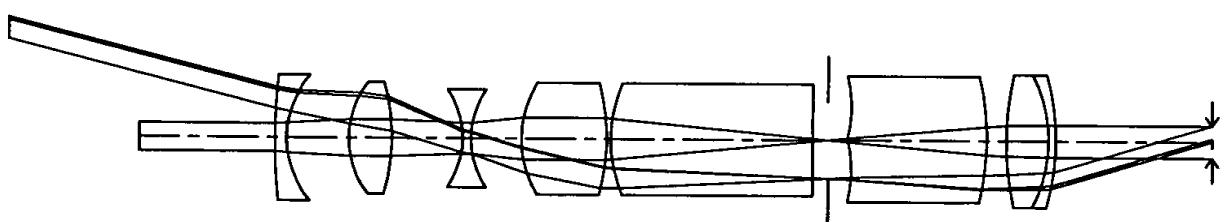


FIG.35C

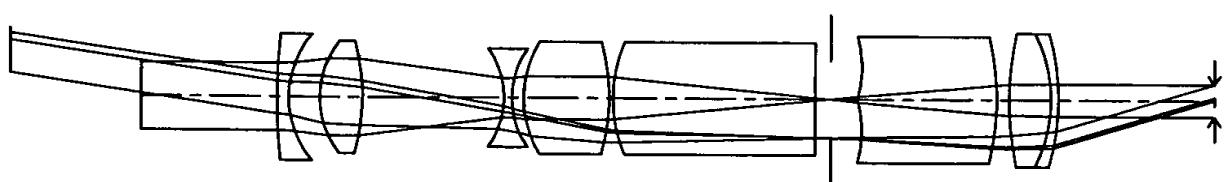


FIG.35D

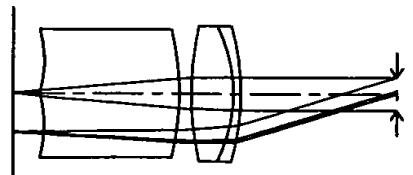


FIG. 36A

SPHERICAL
ABERRATION

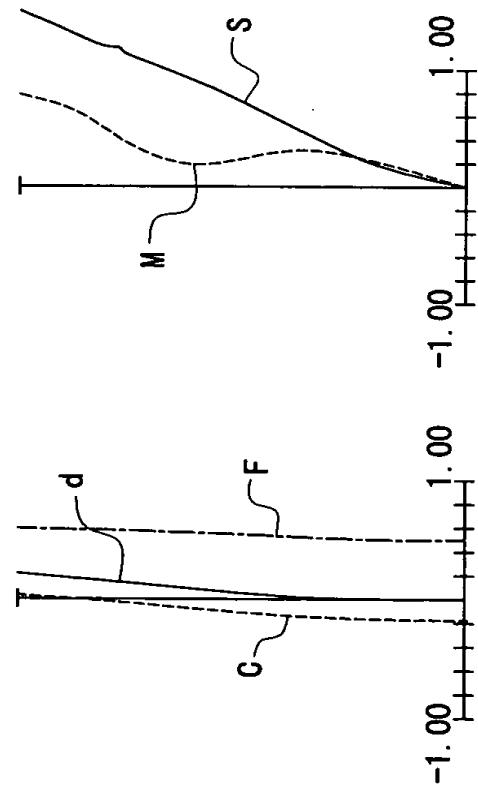


FIG. 36B

ASTIGMATISM

$\omega = 23.95$

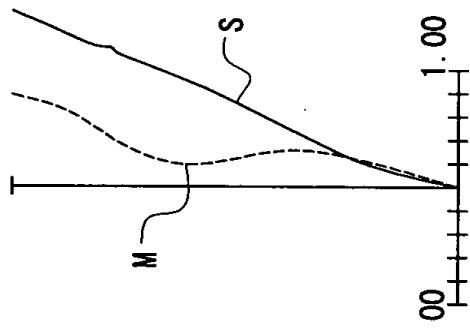


FIG. 36C

CHROMATIC ABERRATION
OF MAGNIFICATION

$\omega = 23.95$

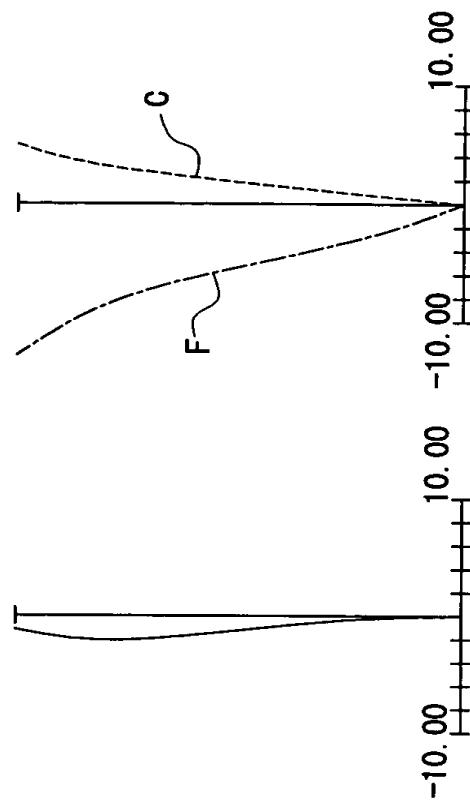


FIG. 36D

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FIG. 37A

SPHERICAL
ABERRATION

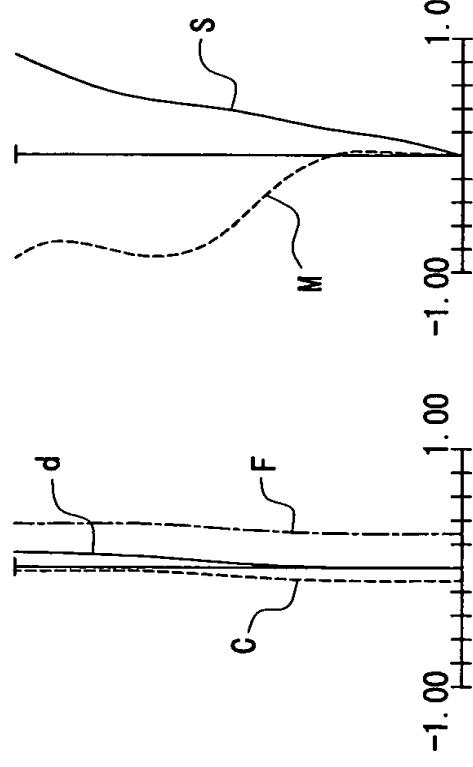


FIG. 37B

ASTIGMATISM

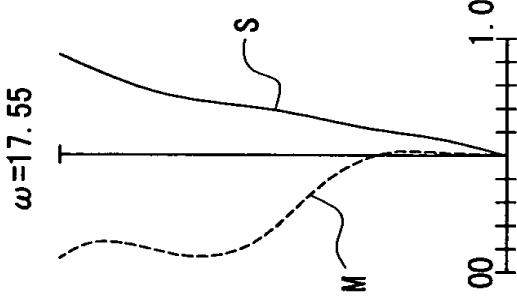


FIG. 37C

CHROMATIC ABERRATION
OF MAGNIFICATION

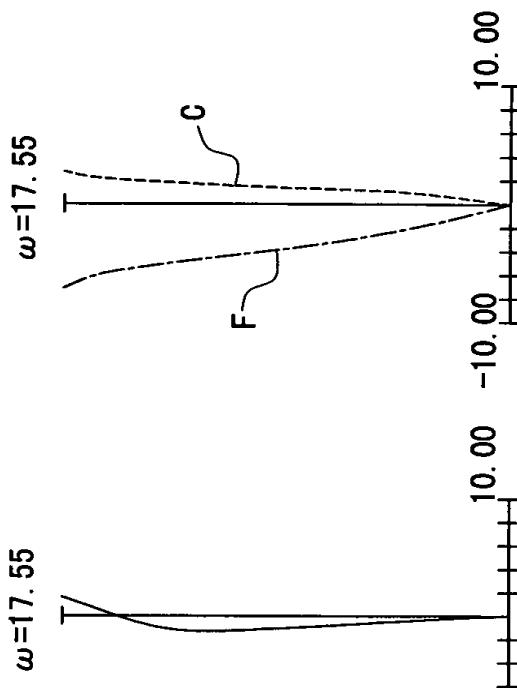


FIG. 37D

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FIG. 38A

SPHERICAL
ABERRATION

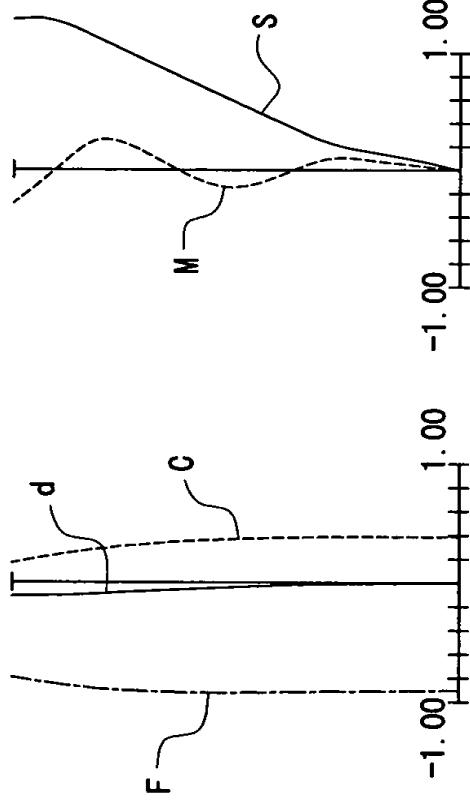


FIG. 38B

ASTIGMATISM

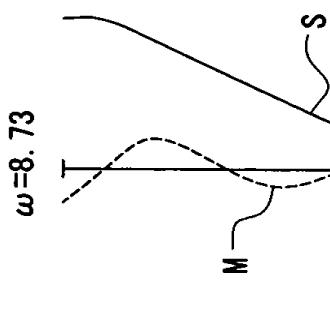


FIG. 38C

DISSORTION

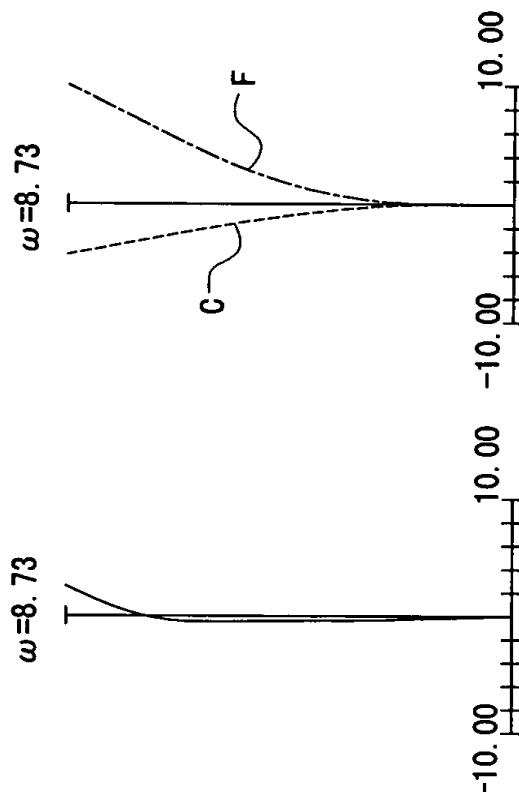
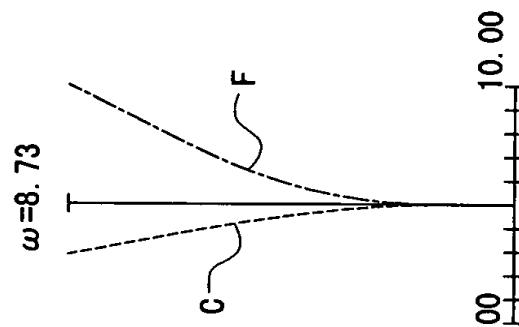


FIG. 38D

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG. 39A

FIG. 39B

FIG. 39C

FIG. 39D

SPHERICAL
ABERRATION

ASTIGMATISM

DISTORTION

CHROMATIC ABERRATION
OF MAGNIFICATION

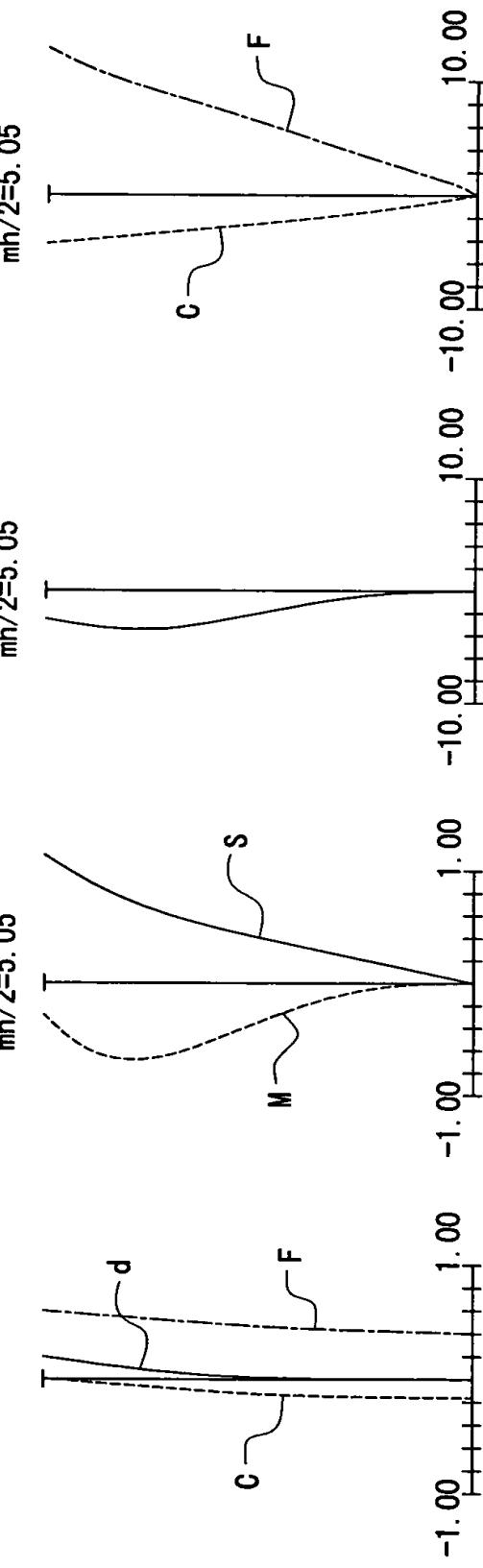


FIG.40A

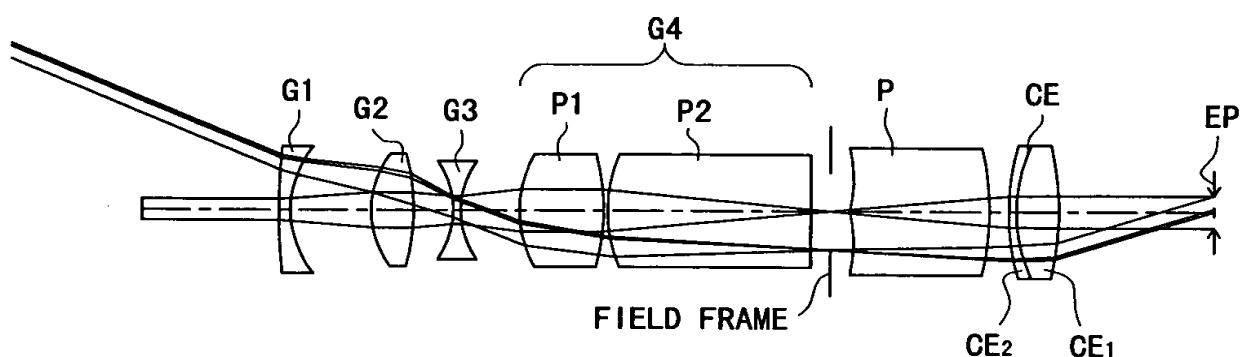


FIG.40B

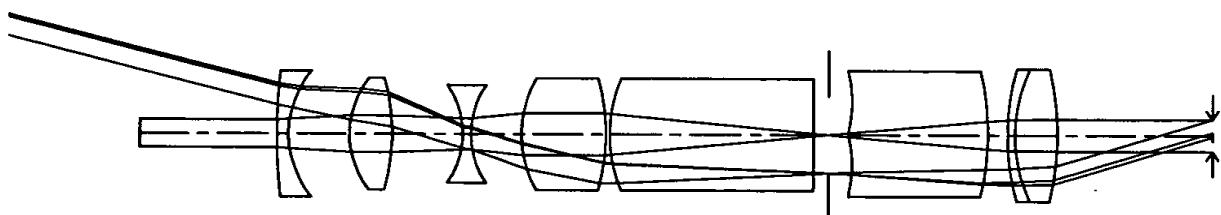


FIG.40C

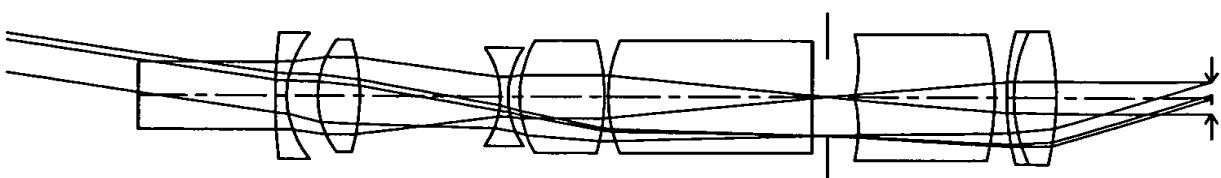


FIG.40D

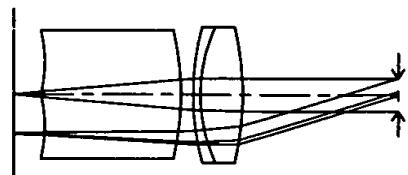


FIG. 4.1A

SPHERICAL
ABERRATION

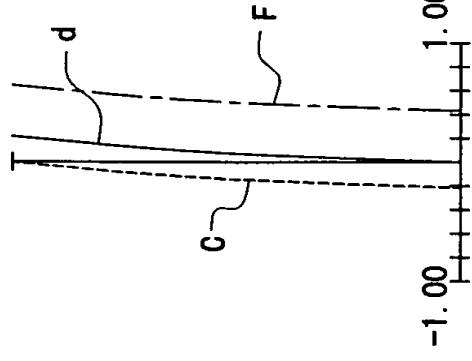


FIG. 4.1B

ASTIGMATISM

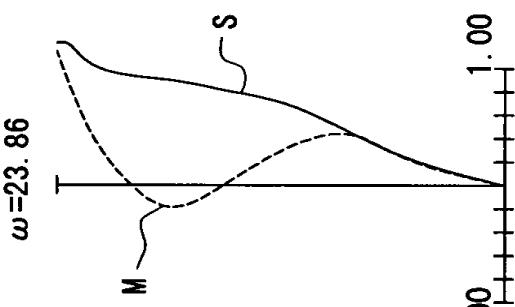


FIG. 4.1C

DISTORTION

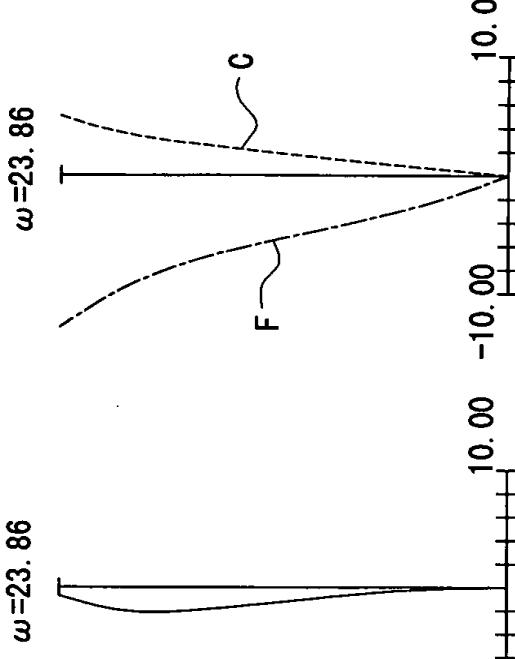
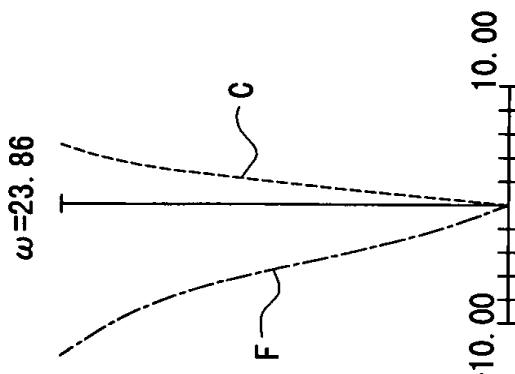


FIG. 4.1D

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG. 42A

SPHERICAL
ABERRATION

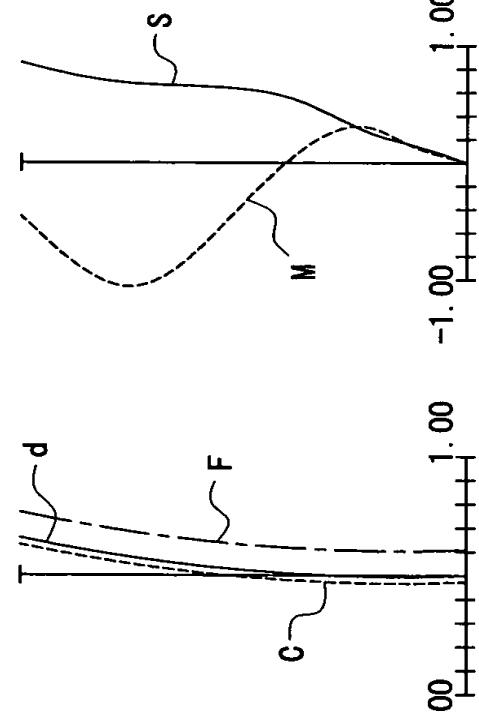


FIG. 42B

ASTIGMATISM

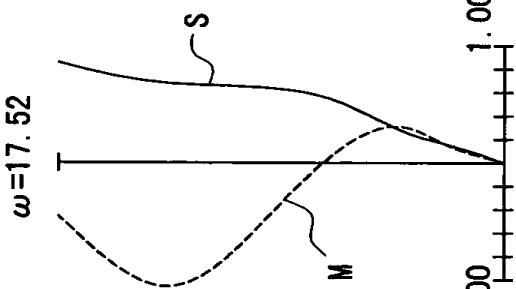


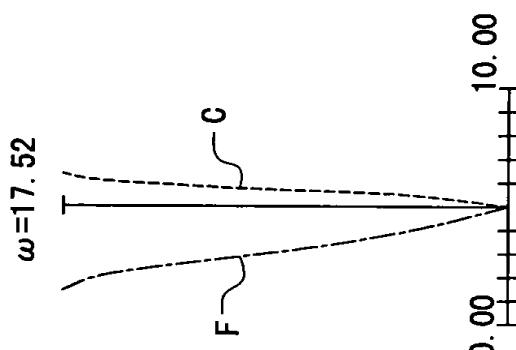
FIG. 42C

DISTORTION



FIG. 42D

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG. 4.3A

SPHERICAL
ABERRATION

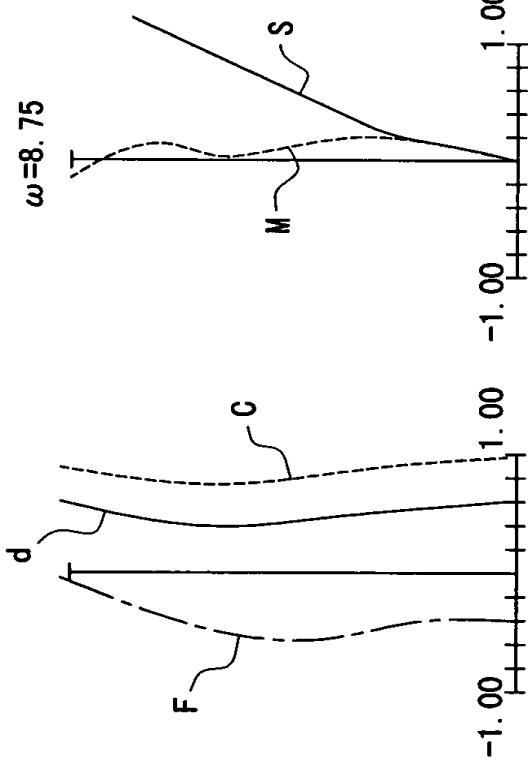


FIG. 4.3B

ASTIGMATISM

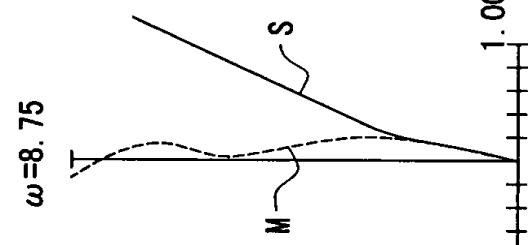


FIG. 4.3C

CHROMATIC ABERRATION
OF MAGNIFICATION

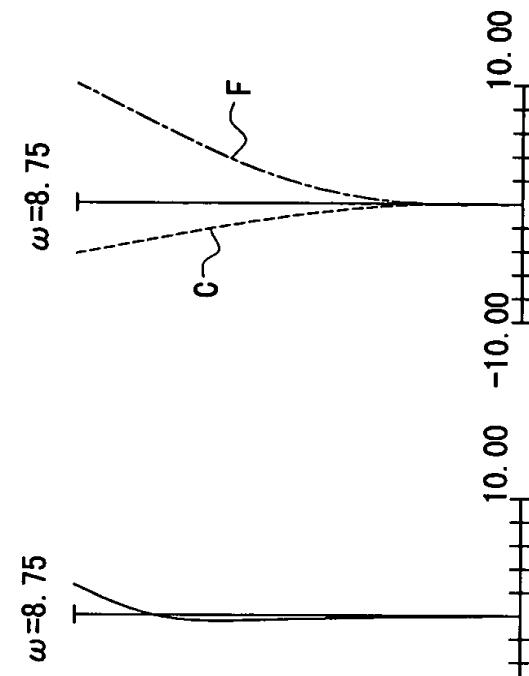


FIG. 4.3D

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FIG. 44A

SPHERICAL
ABERRATION

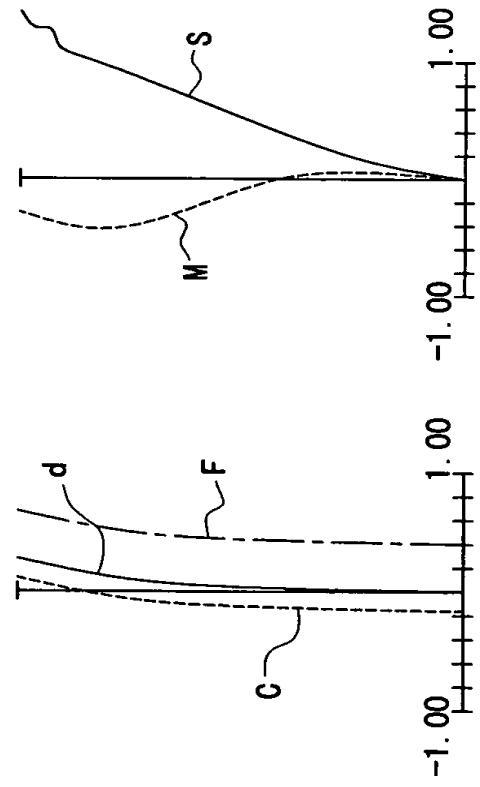


FIG. 44B

ASTIGMATISM

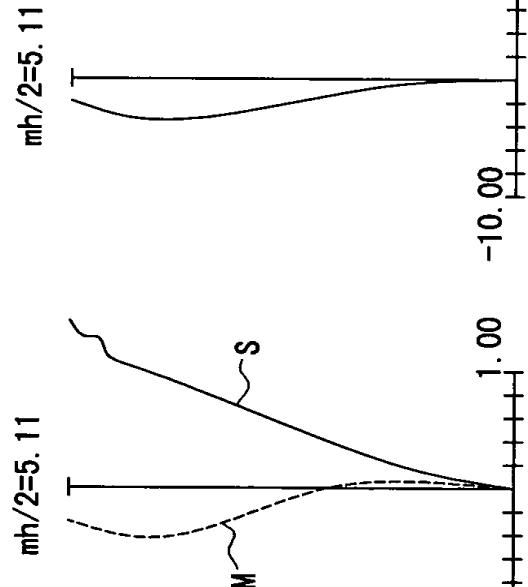


FIG. 44C

CHROMATIC ABERRATION
OF MAGNIFICATION

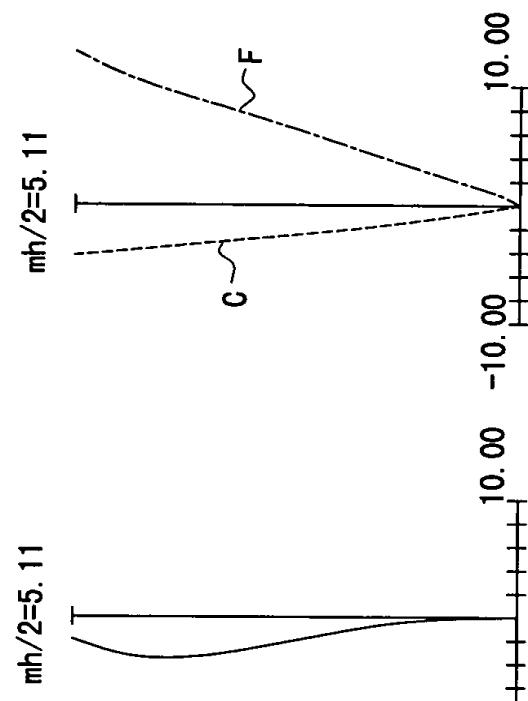


FIG. 44D

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FIG.45A

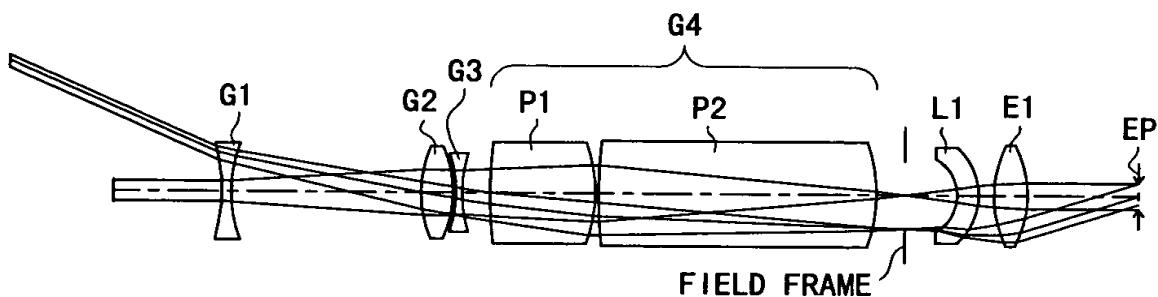


FIG.45B

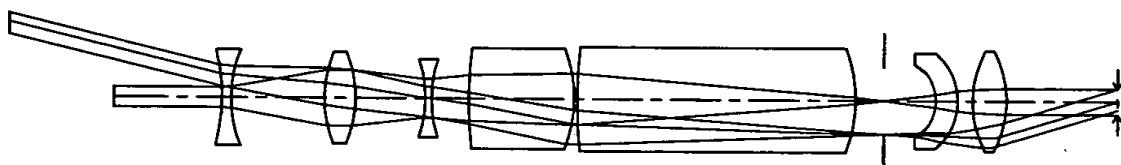


FIG.45C

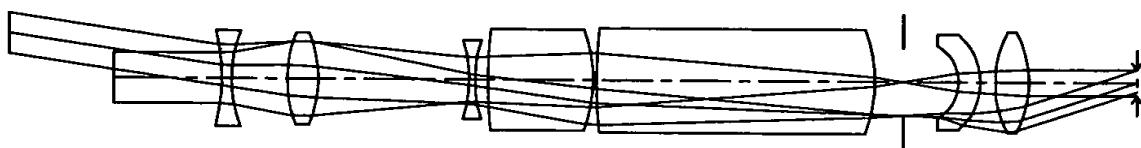


FIG.45D

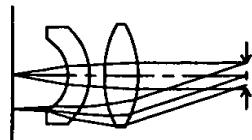


FIG. 46A

SPHERICAL
ABERRATION

ASTIGMATISM

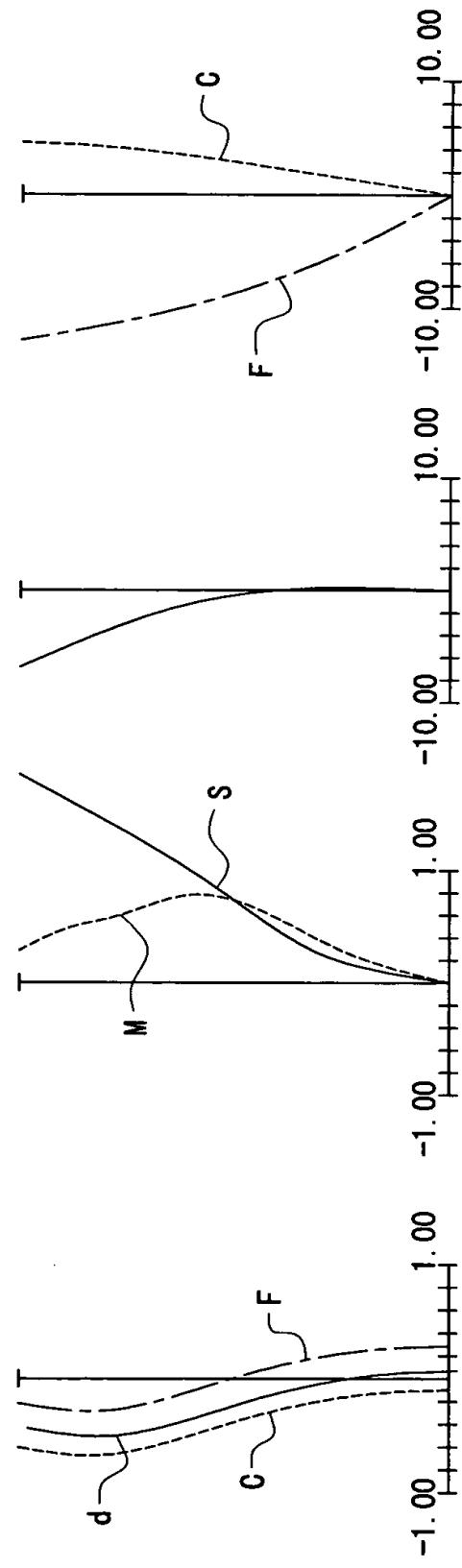


FIG. 46B

FIG. 46C

FIG. 46D

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FIG. 4.7A

SPHERICAL
ABERRATION

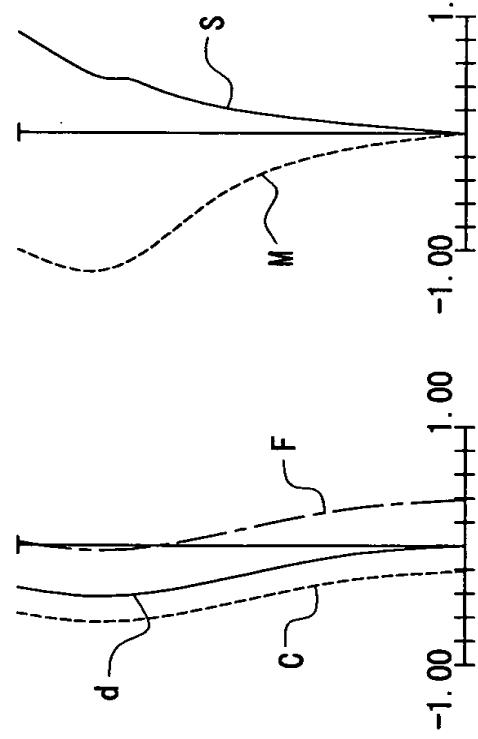


FIG. 4.7B

ASTIGMATISM

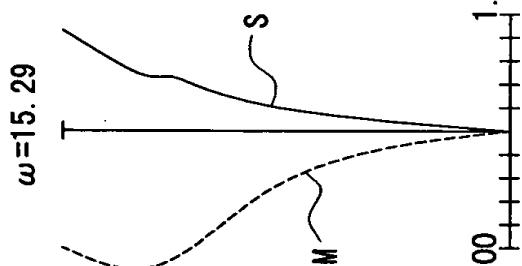
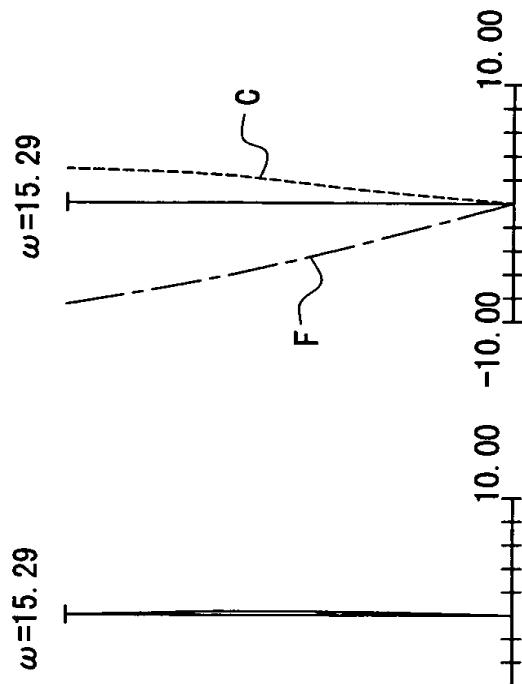


FIG. 4.7C

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG. 4.7D

FIG. 48A

SPHERICAL
ABERRATION

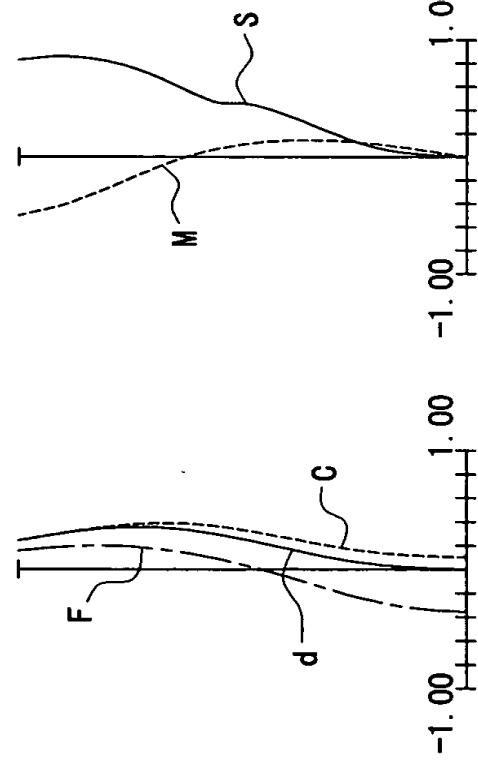


FIG. 48B

ASTIGMATISM

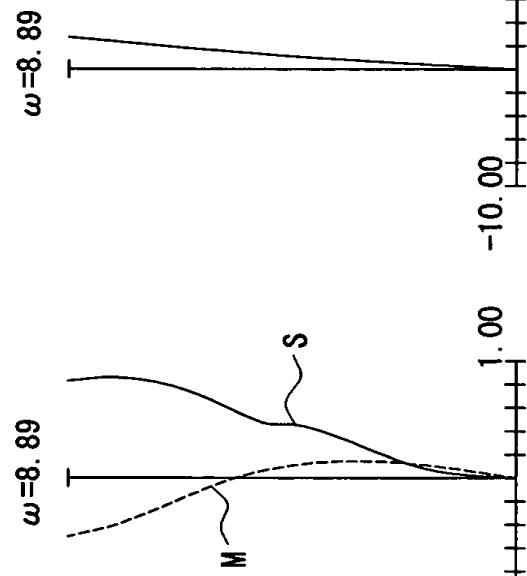


FIG. 48C

CHROMATIC ABERRATION
OF MAGNIFICATION

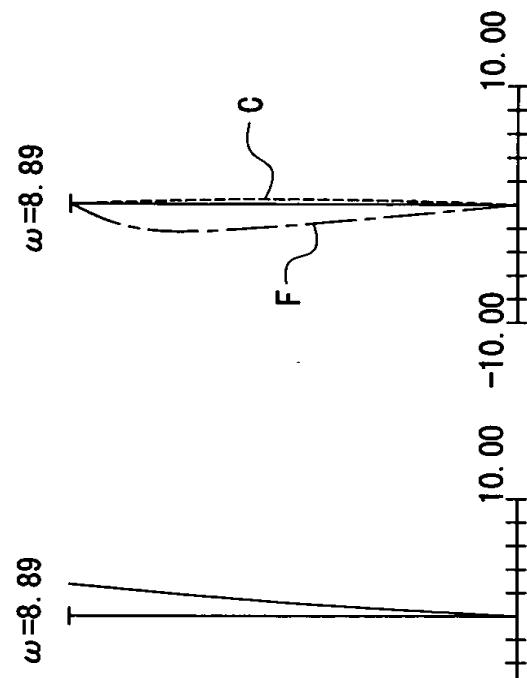


FIG. 48D

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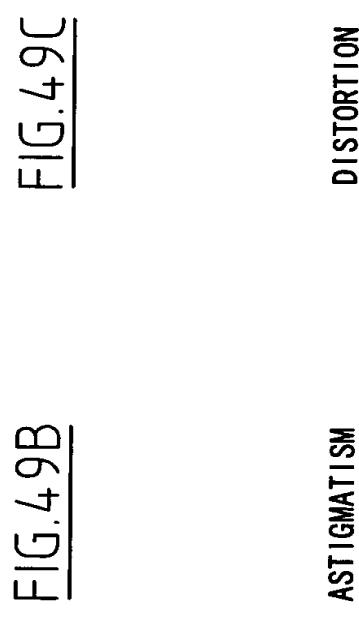
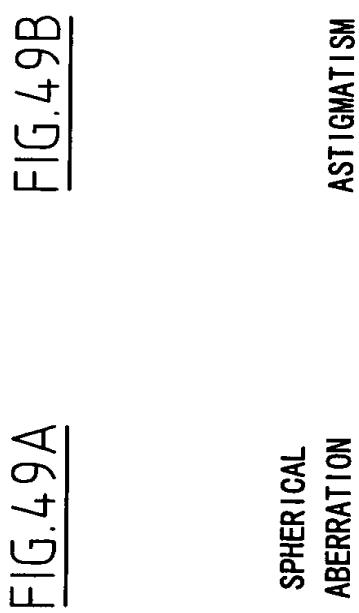


FIG.50A

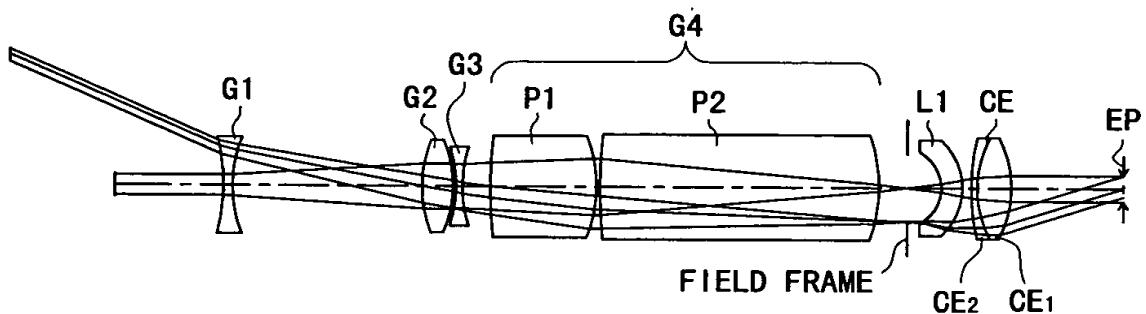


FIG.50B

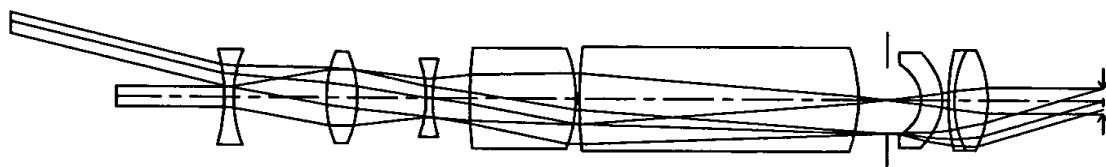


FIG.50C

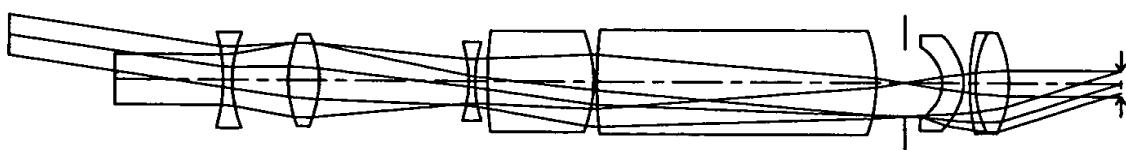


FIG.50D

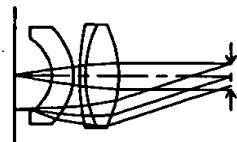


FIG. 51A

SPHERICAL
ABERRATION

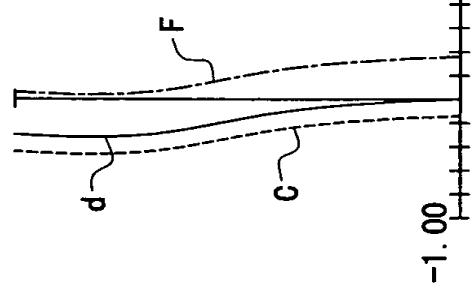


FIG. 51B

ASTIGMATISM

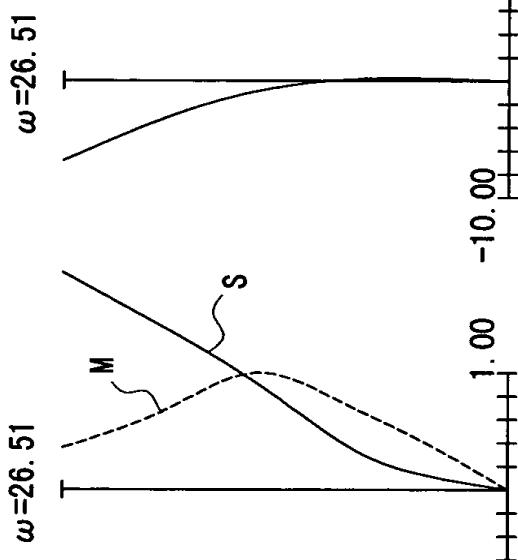


FIG. 51C

CHROMATIC ABERRATION
OF MAGNIFICATION

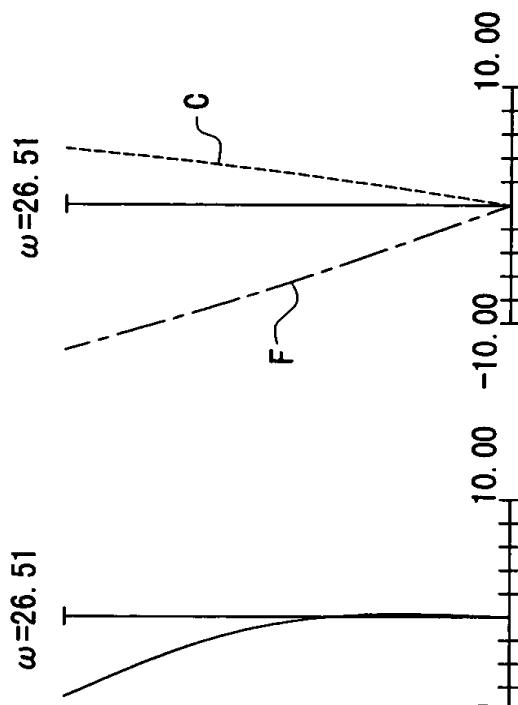


FIG. 51D

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FIG.52A

FIG.52B

FIG.52C

FIG.52D

SPHERICAL
ABERRATION
ASTIGMATISM
DISTORTION

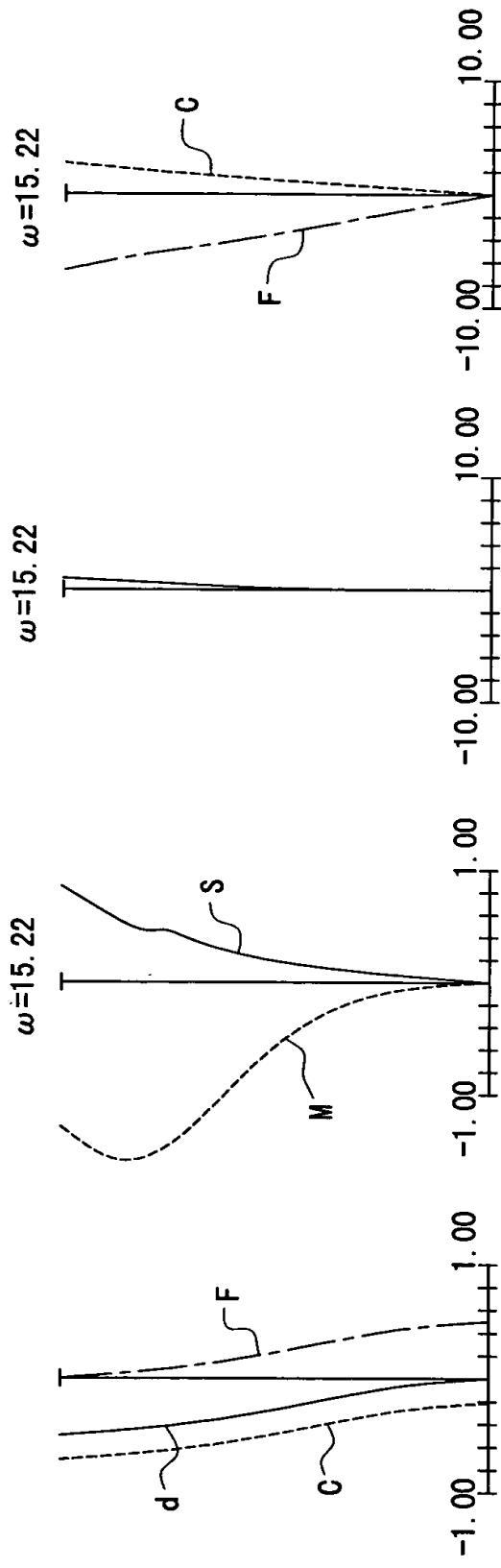


FIG. 53A

SPHERICAL
ABERRATION
ASTIGMATISM

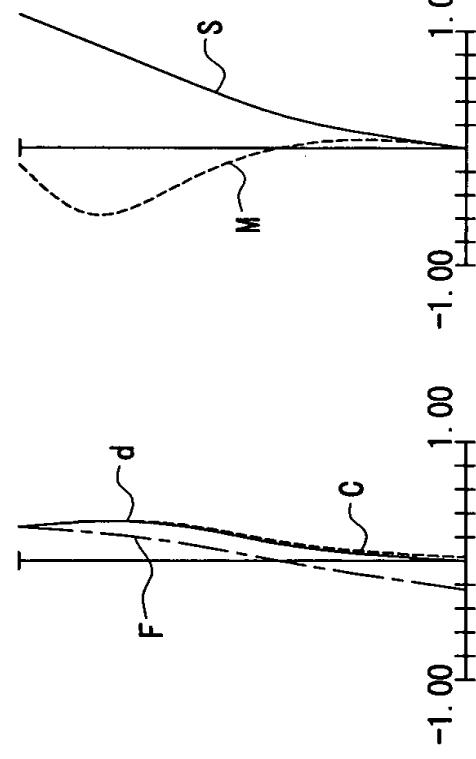


FIG. 53B

DISTORTION

$\omega = 8.80$

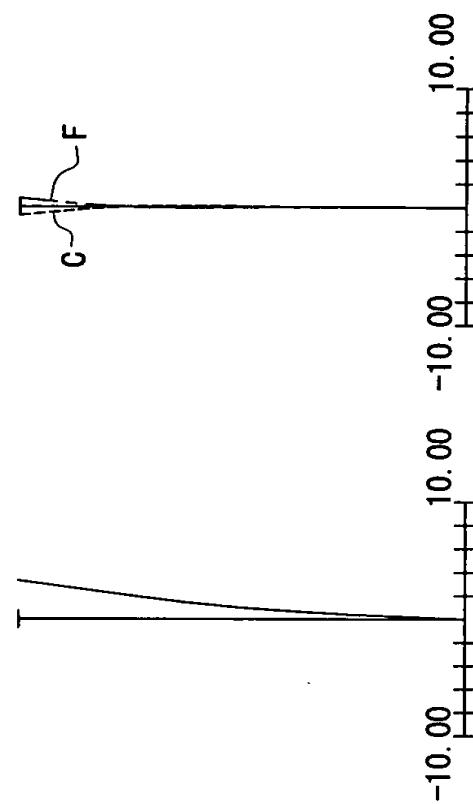


FIG. 53C

CHROMATIC ABERRATION
OF MAGNIFICATION

$\omega = 8.80$

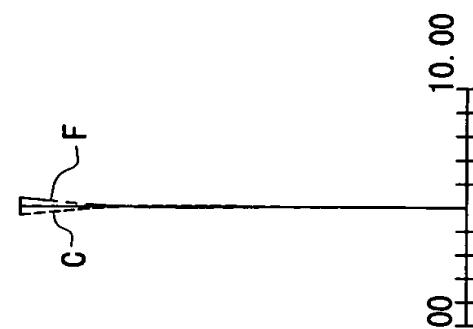


FIG. 53D

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FIG. 54A

SPHERICAL
ABERRATION
ASTIGMATISM

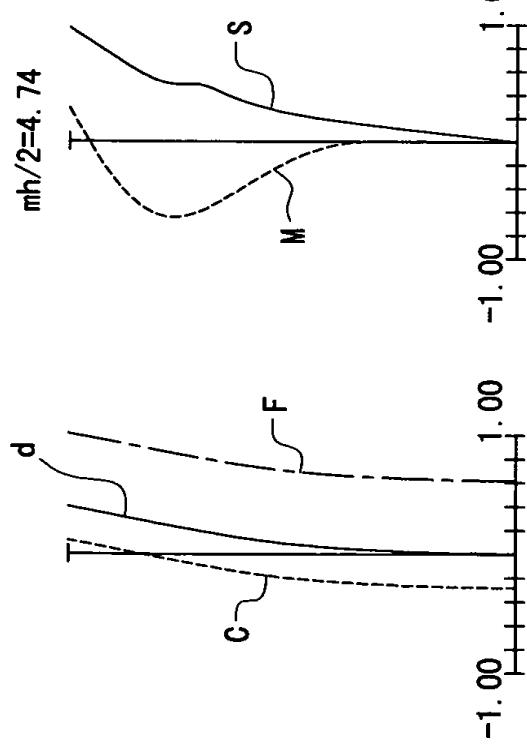
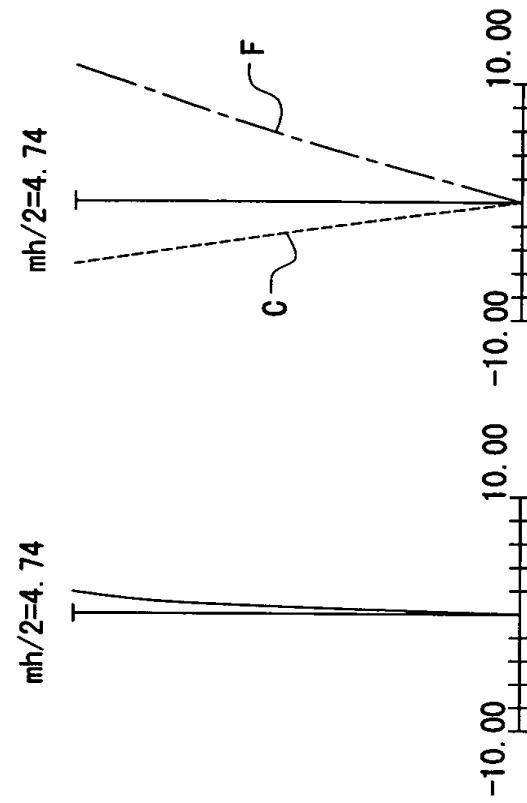


FIG. 54B

FIG. 54C

FIG. 54D

CHROMATIC ABERRATION
OF MAGNIFICATION



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FIG.55A

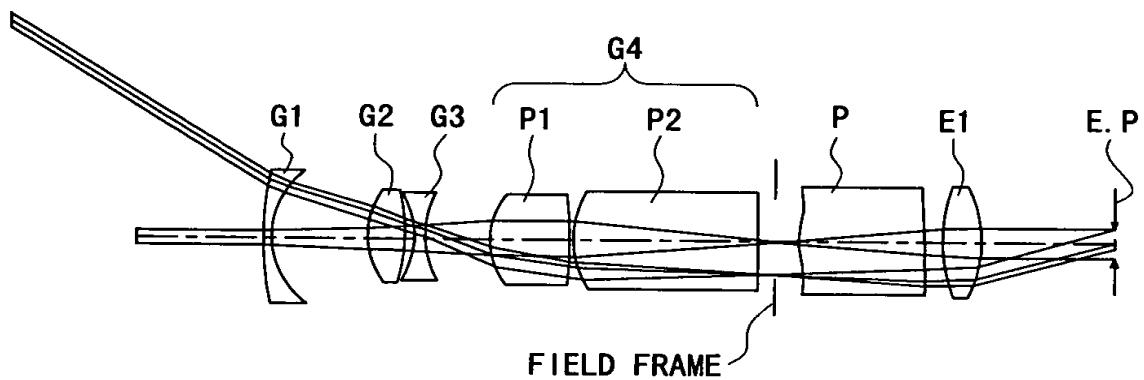


FIG.55B

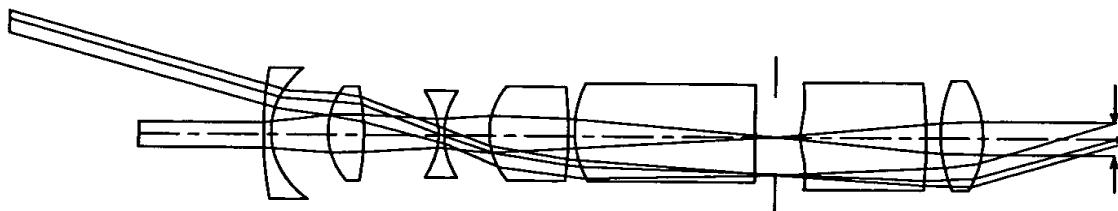


FIG.55C

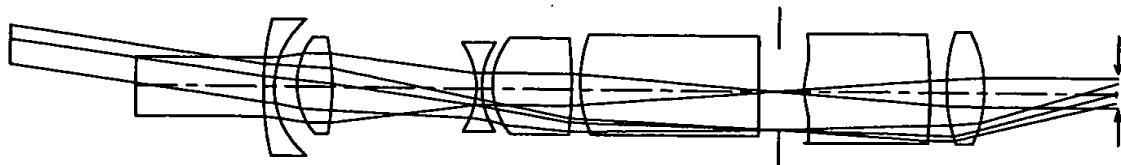


FIG.56A

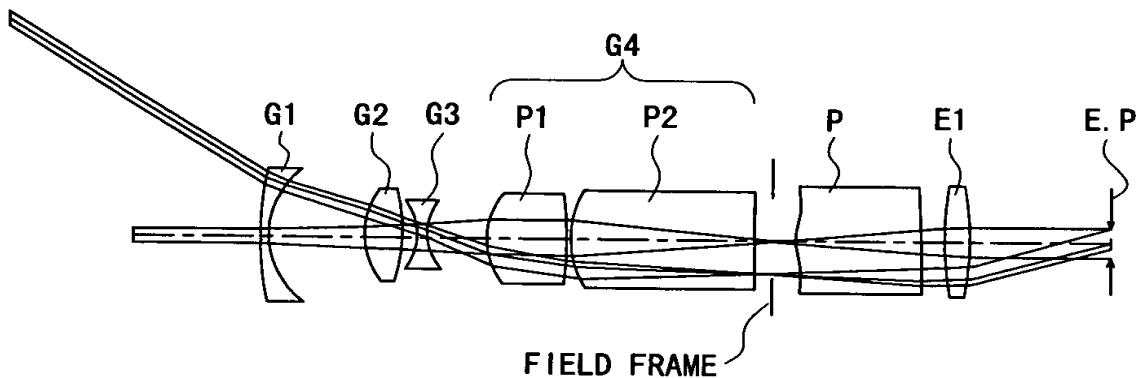


FIG.56B

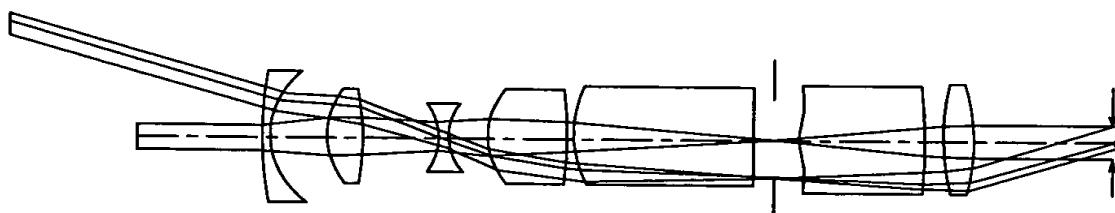
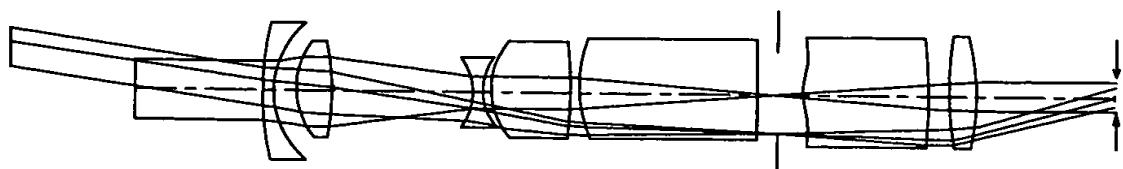


FIG.56C



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FIG.57A

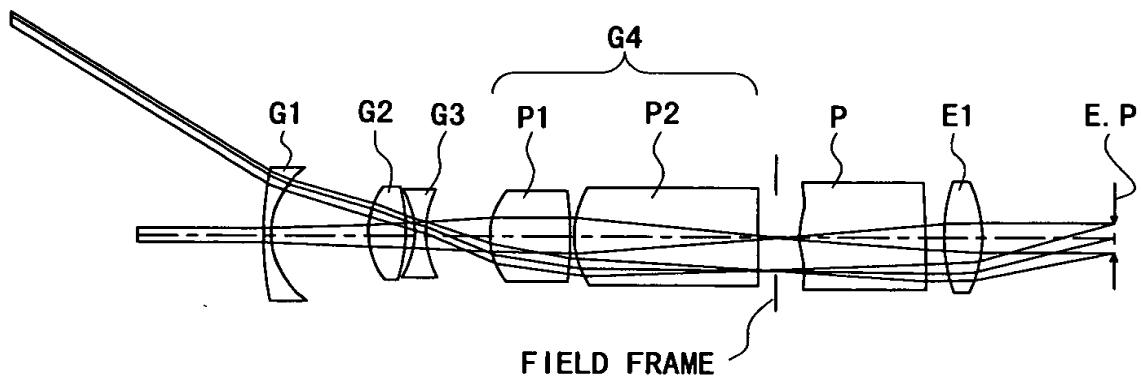


FIG.57B

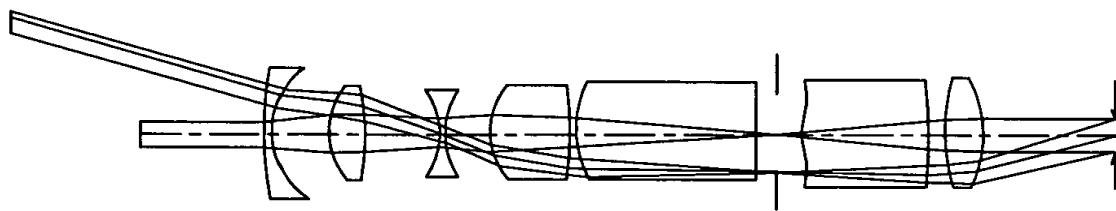


FIG.57C

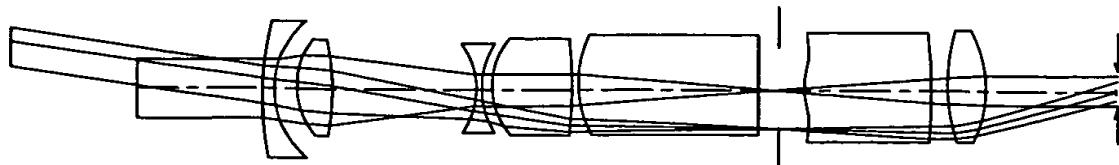


FIG.58A

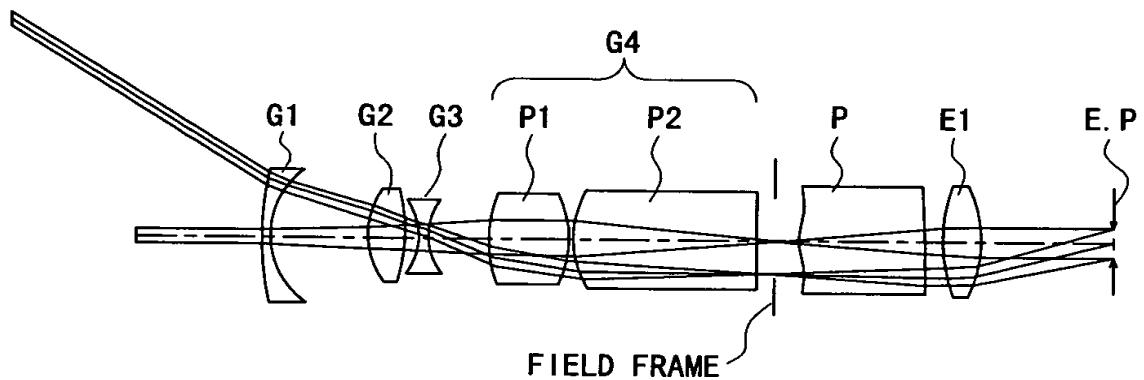


FIG.58B

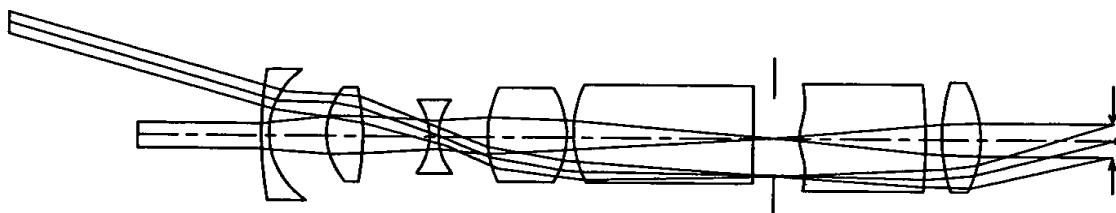


FIG.58C

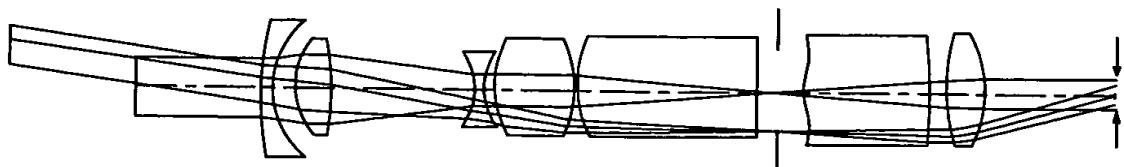


FIG.59A

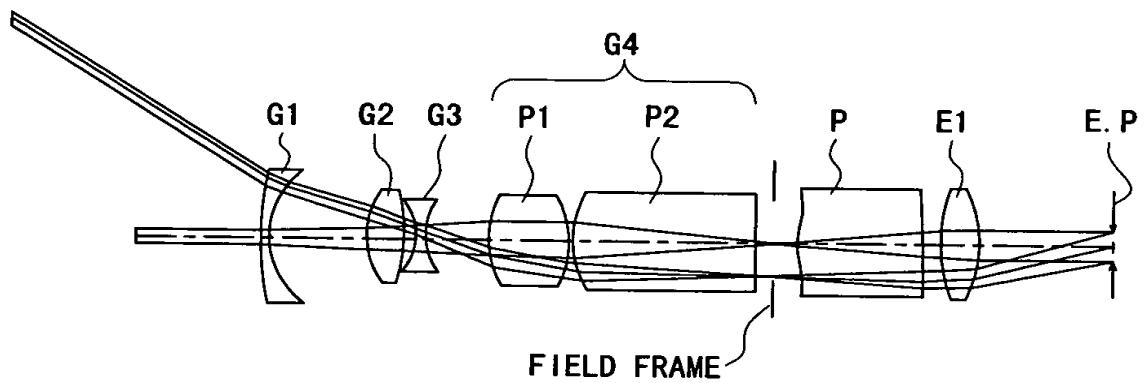


FIG.59B

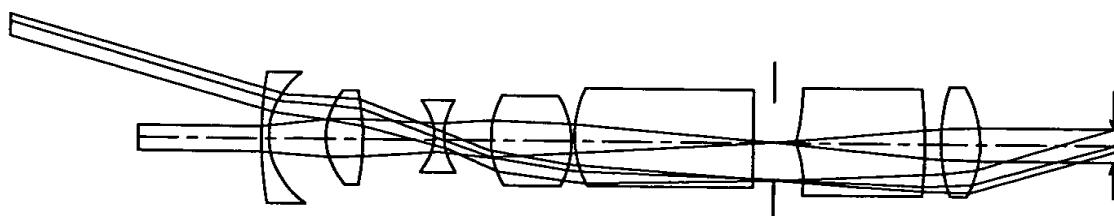
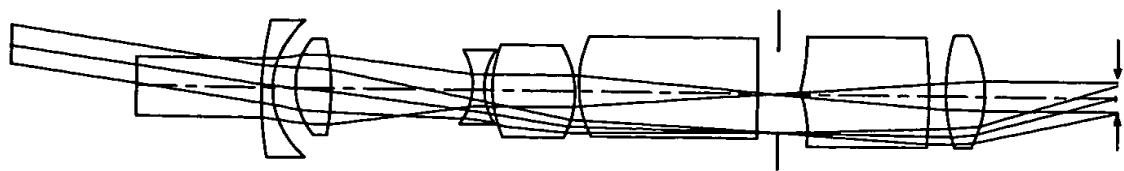


FIG.59C



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FIG.60A

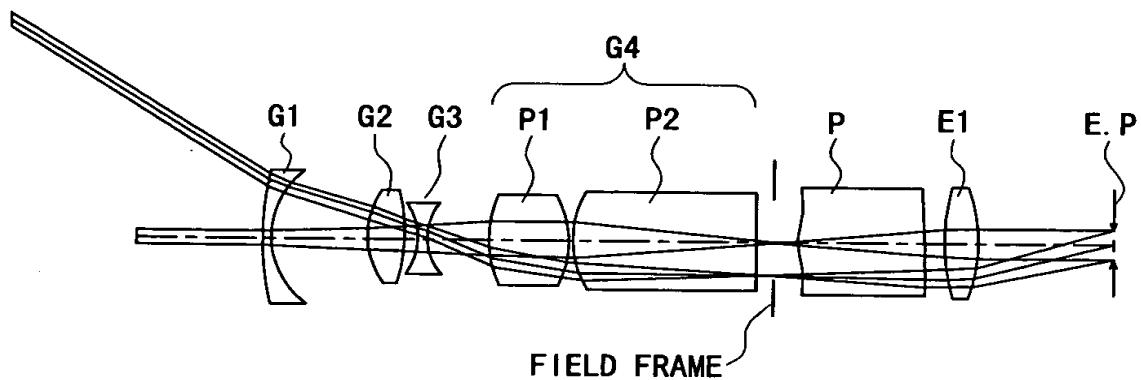


FIG.60B

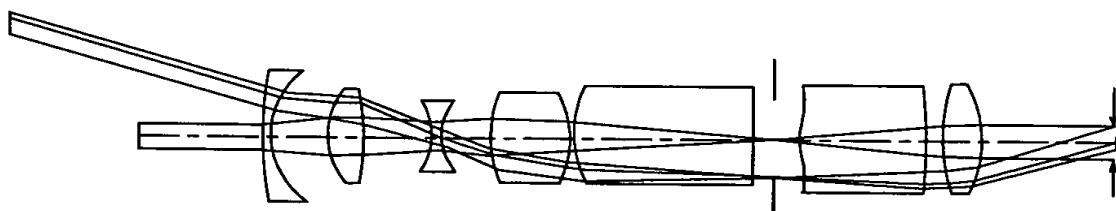
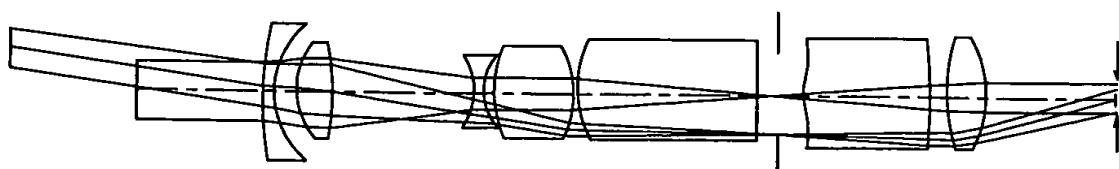


FIG.60C



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FIG.61A

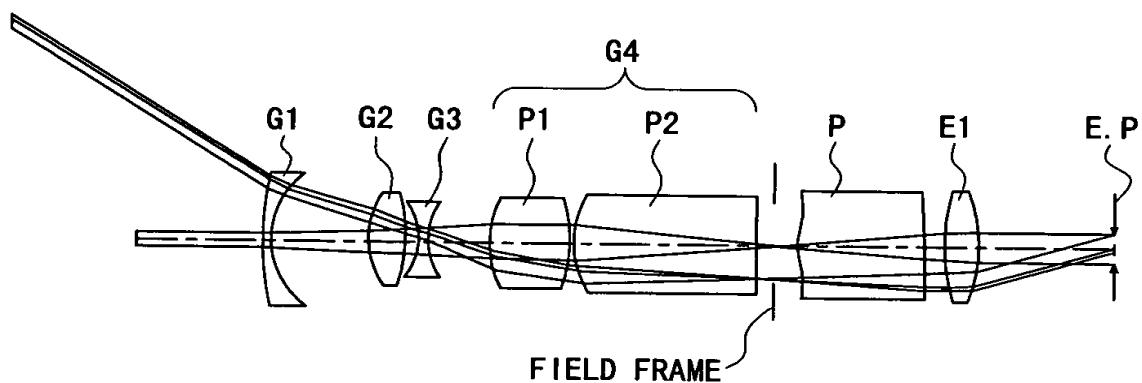


FIG.61B

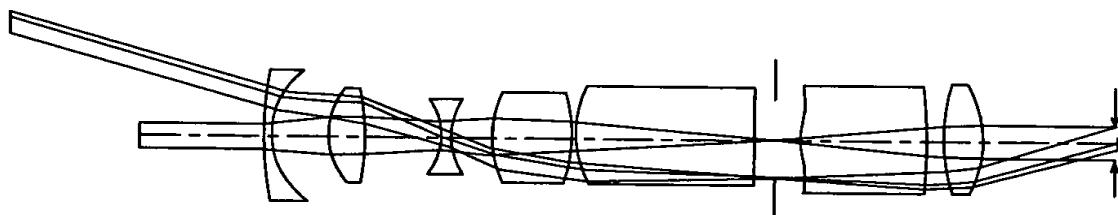
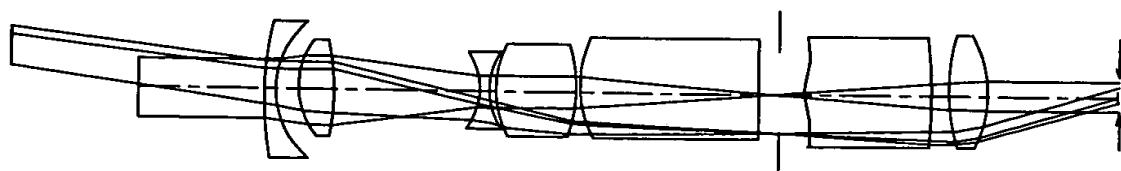


FIG.61C



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FIG.62A

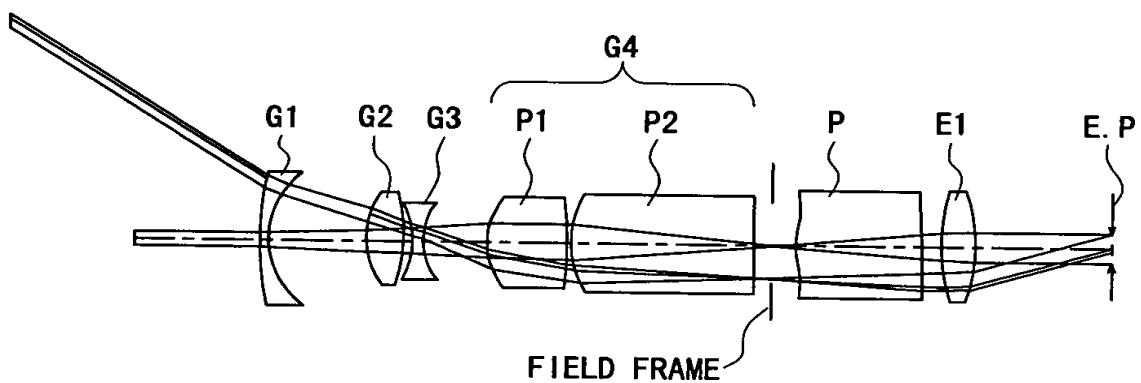


FIG.62B

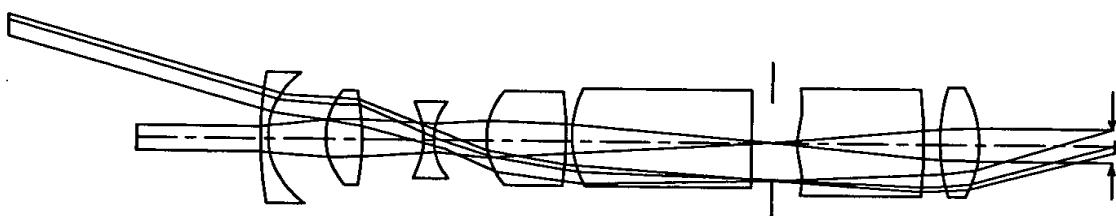
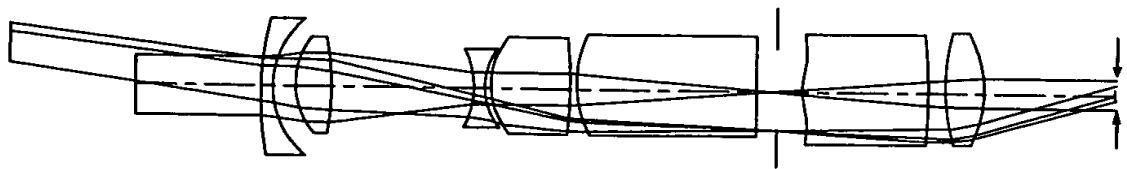


FIG.62C



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FIG.63A

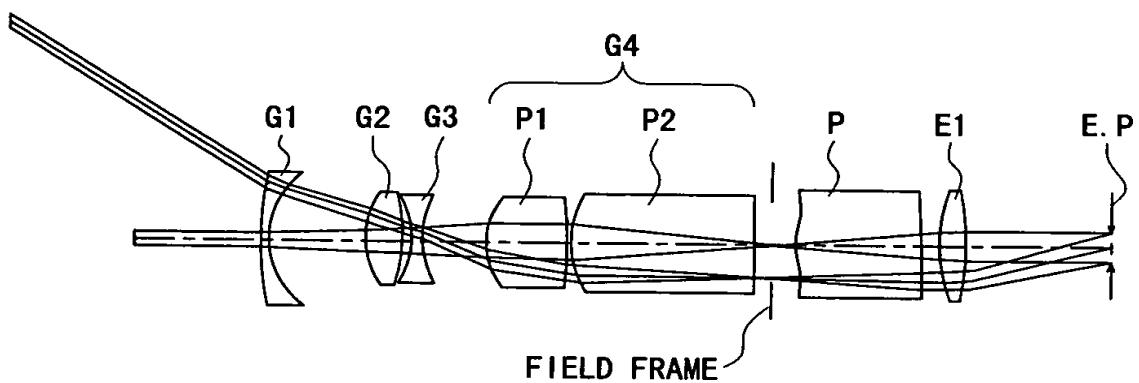


FIG.63B

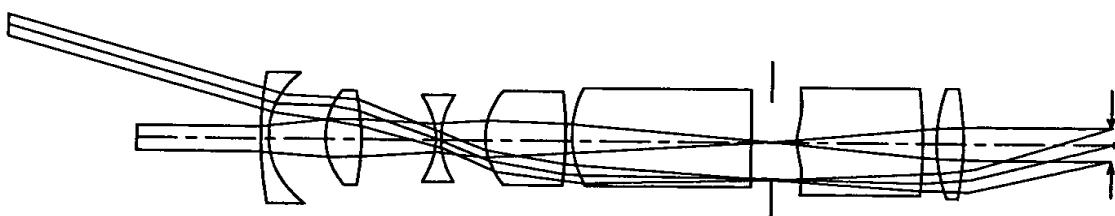
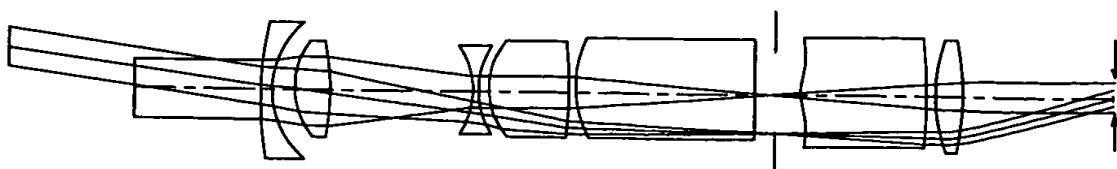


FIG.63C



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FIG.64A

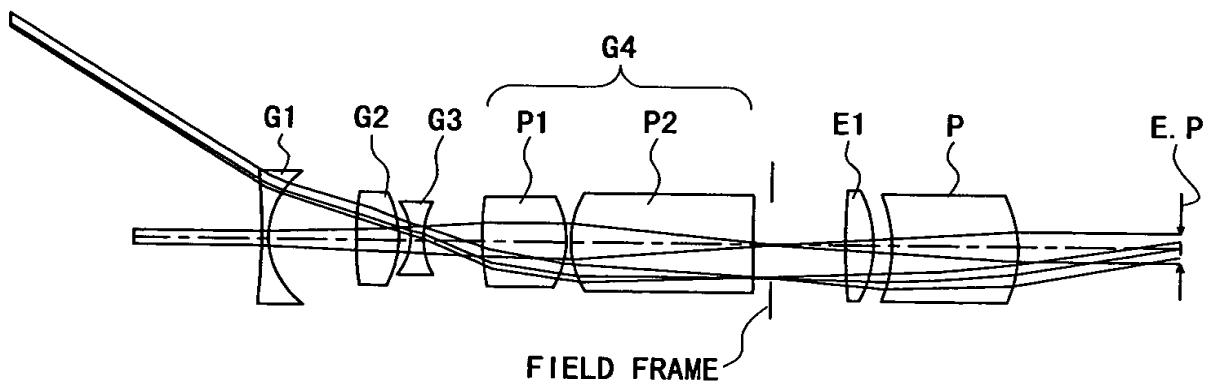


FIG.64B

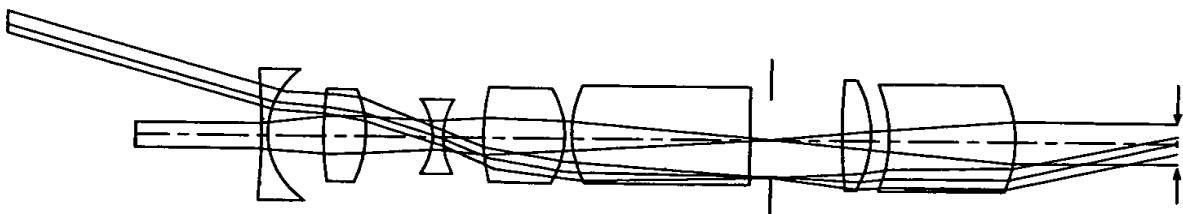
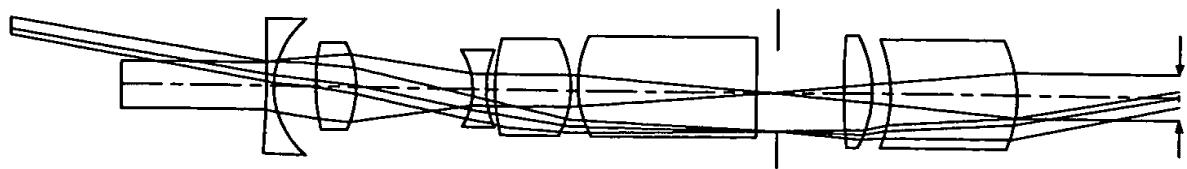
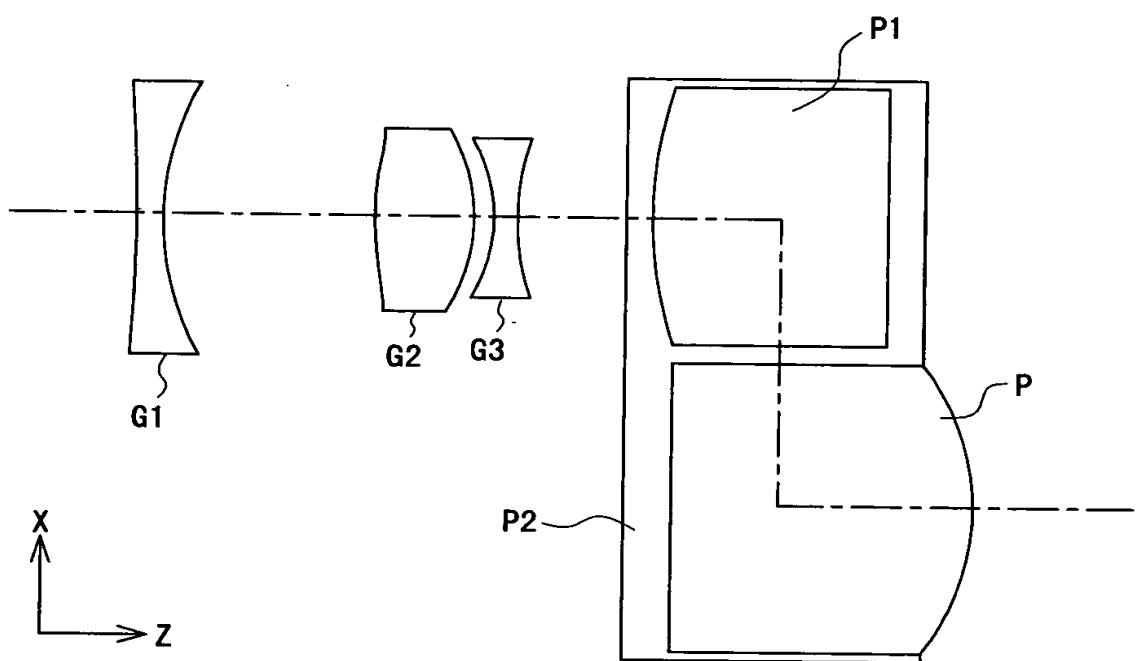


FIG.64C



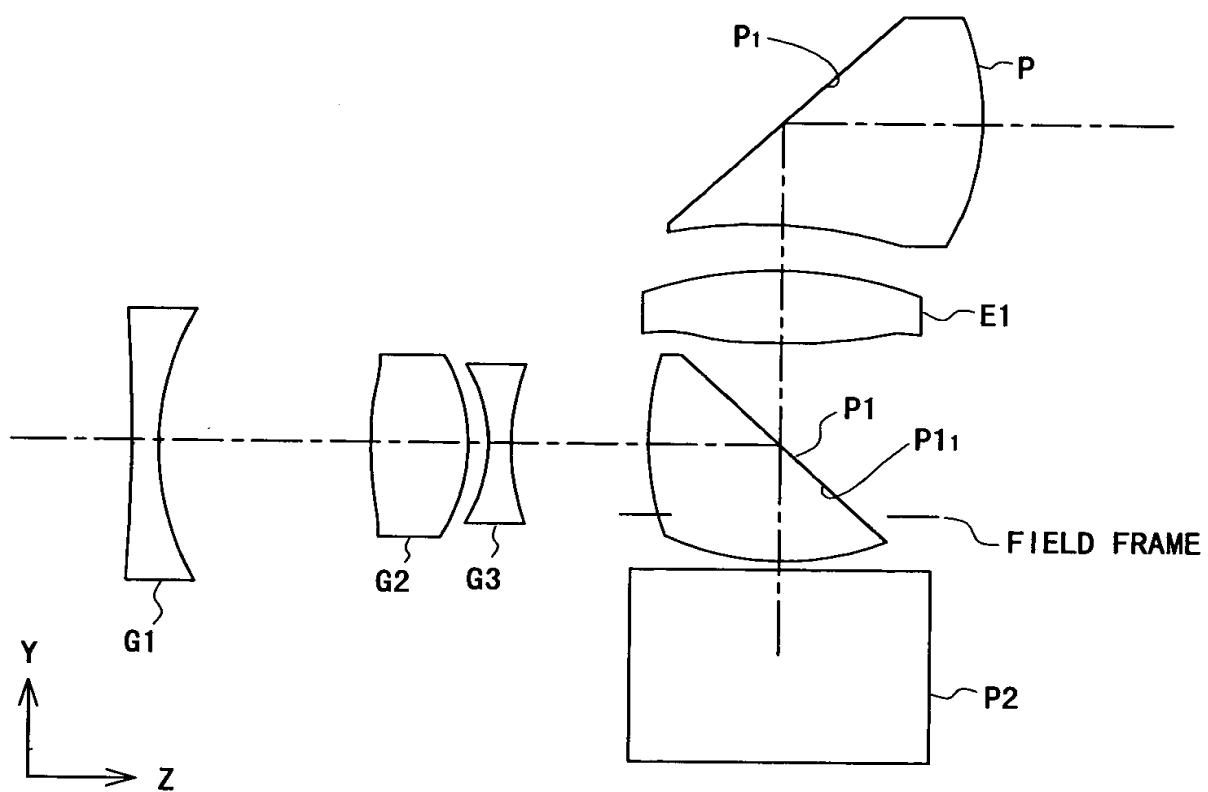
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FIG.65



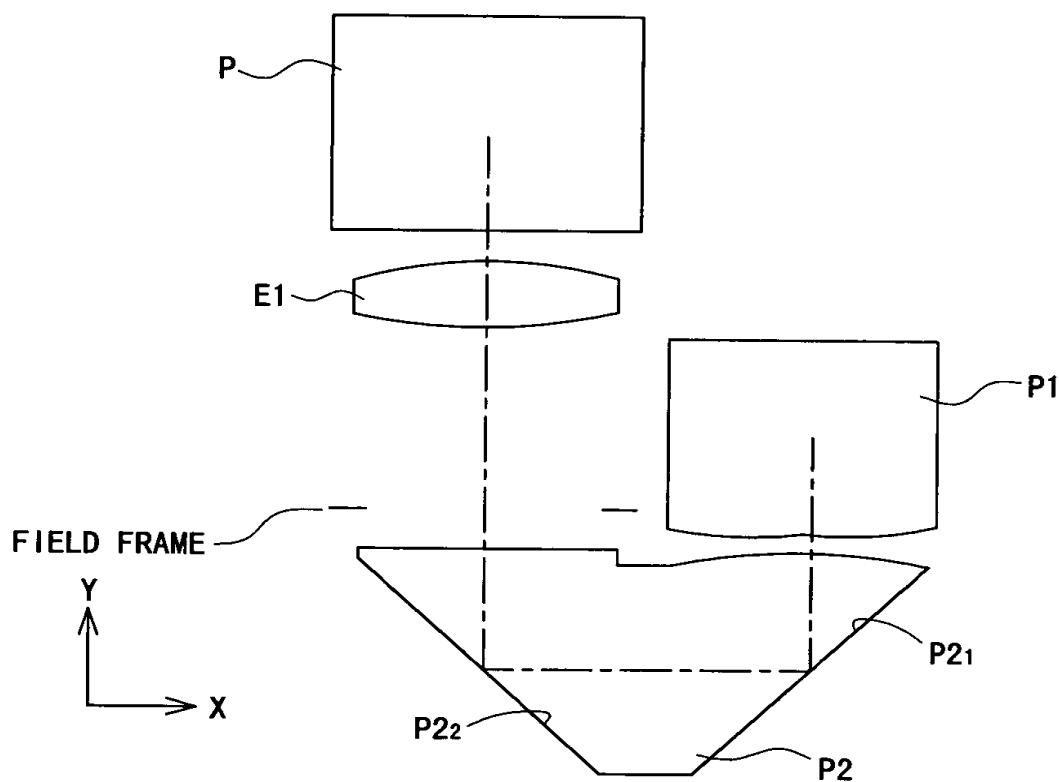
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FIG.66



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FIG.67



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FIG.68A

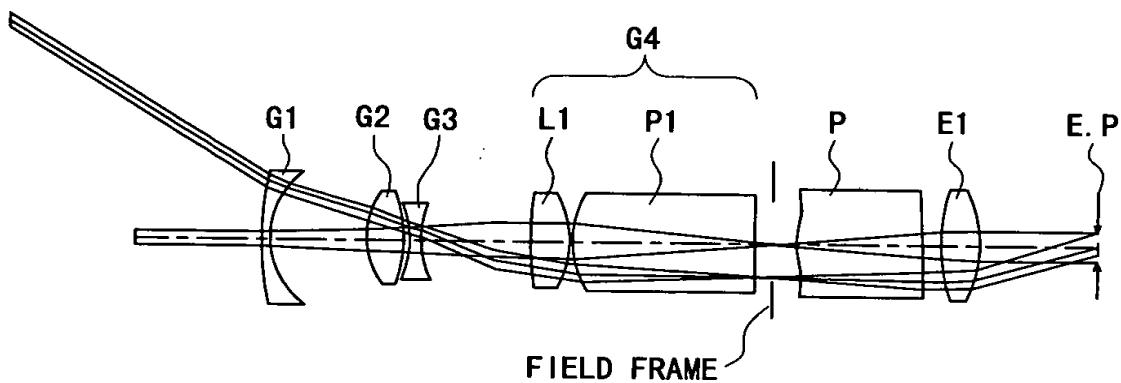


FIG.68B

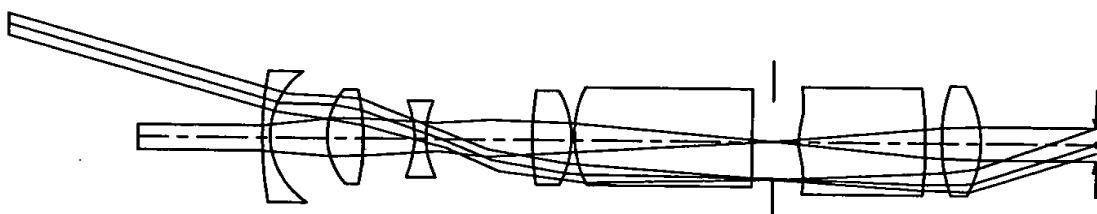


FIG.68C

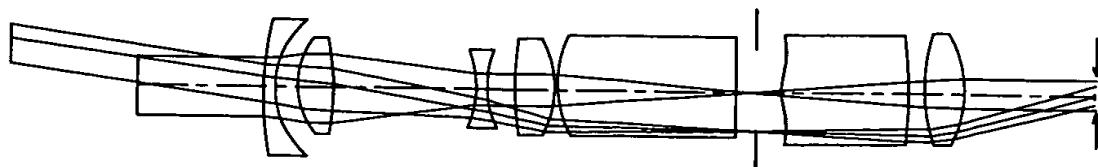


FIG.69A

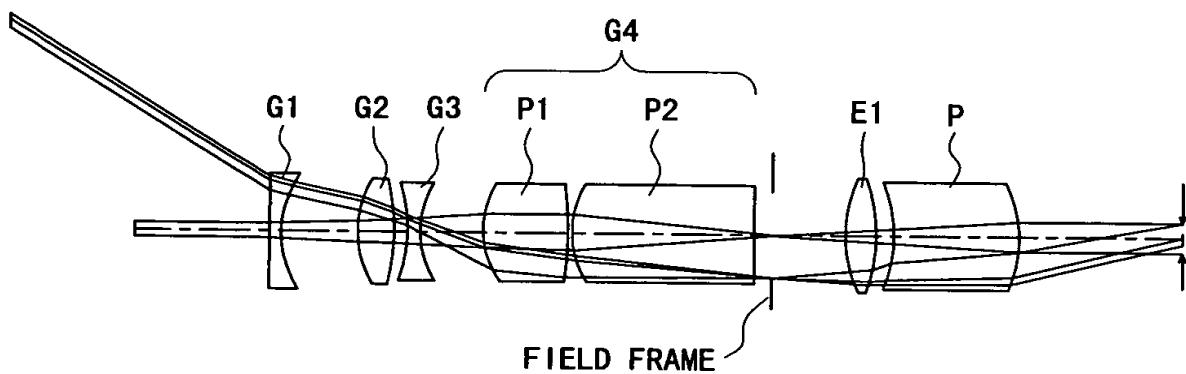


FIG.69B

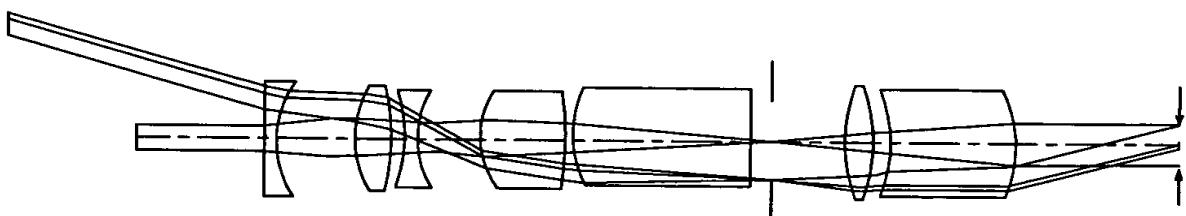
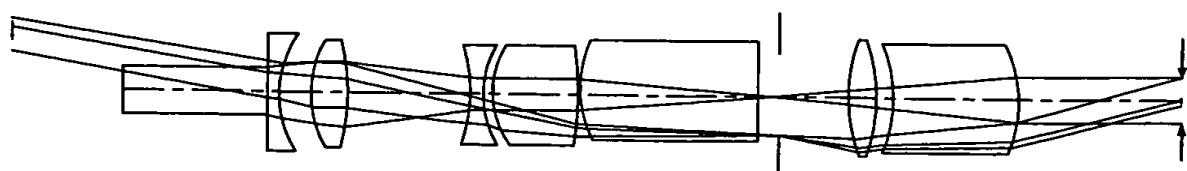


FIG.69C



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FIG.70A

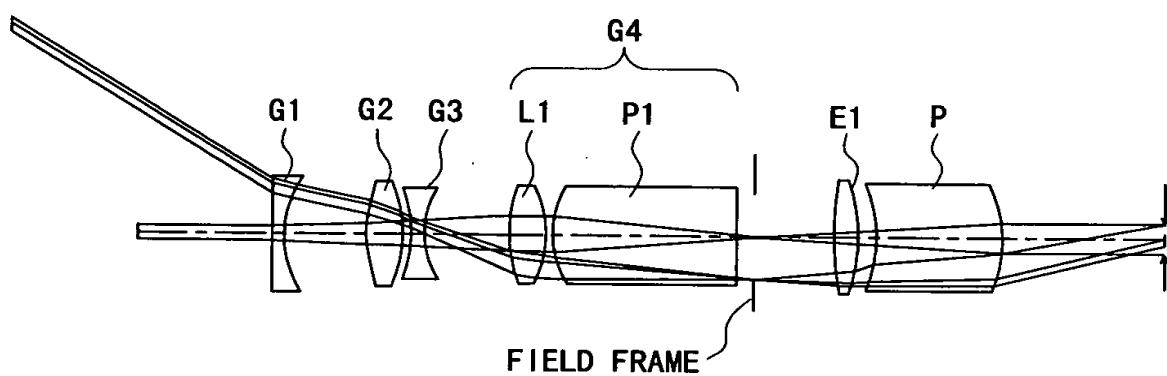


FIG.70B

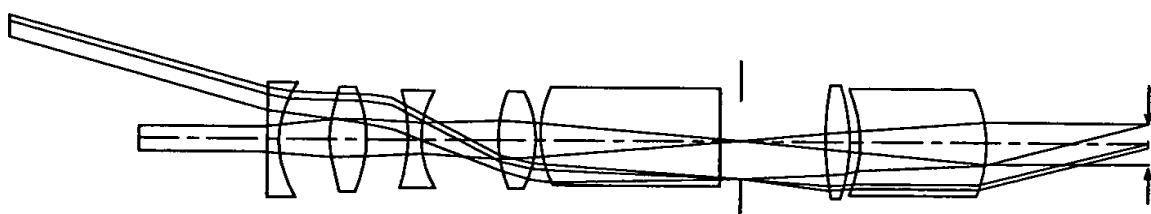
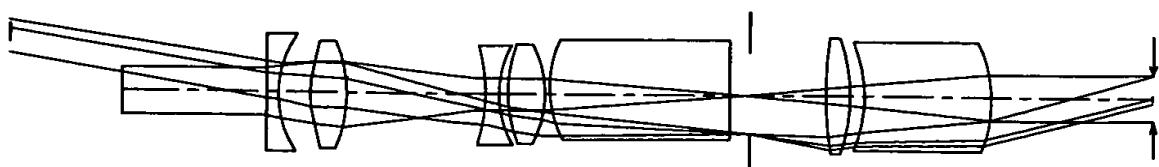


FIG.70C



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FIG.71

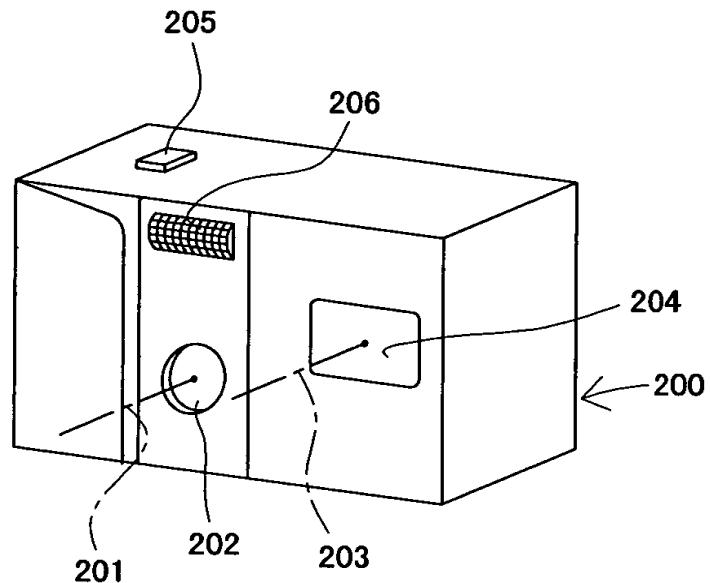


FIG.72

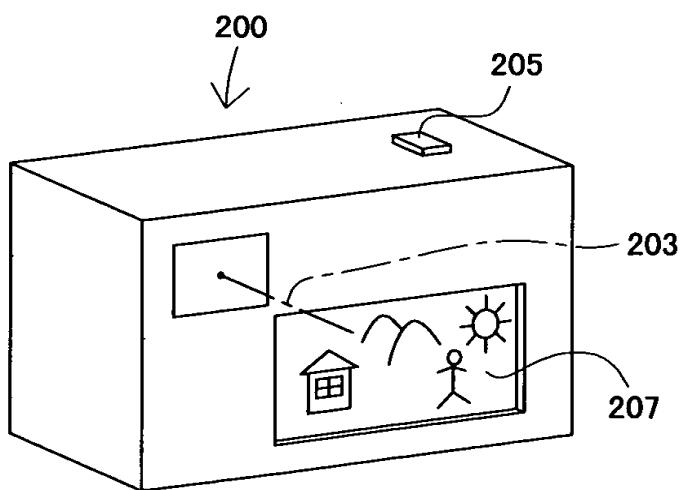
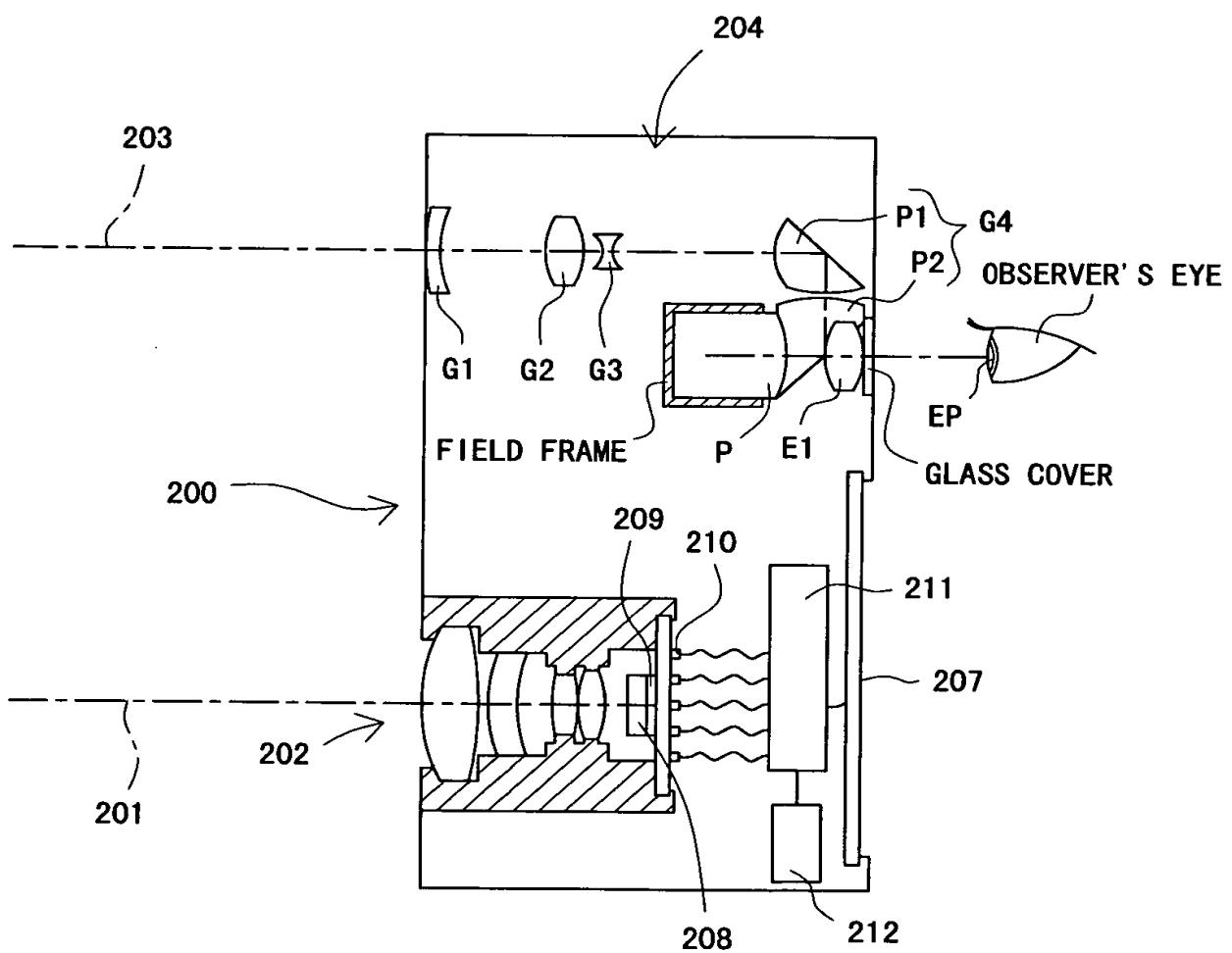


FIG.73

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FIG.74 A

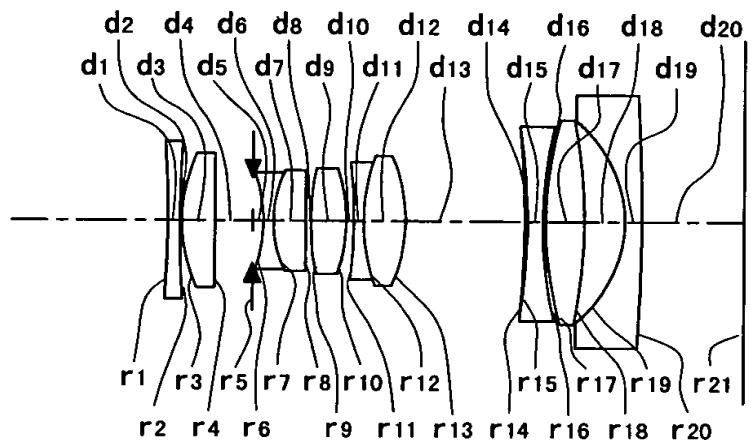


FIG.74 B

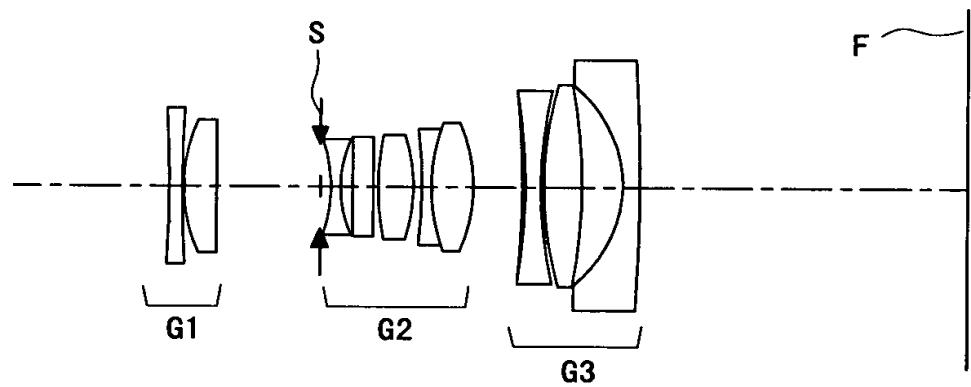


FIG.74 C

